

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094438.D
 Acq On : 14 Apr 2017 19:45
 Operator : SJ/MA
 Sample : I2672-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 23:36:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 16:39:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	142713	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	577063	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	269911	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	494024	20.00	ng	0.00
75) Chrysene-d12	14.49	240	374989	20.00	ng	0.00
86) Perylene-d12	16.10	264	276336	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.33	112	1106838	130.99	ng	0.02
7) Phenol-d6	5.42	99	1399555	133.89	ng	0.01
23) Nitrobenzene-d5	6.43	82	881104	87.14	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	295670	138.62	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	1543187	87.21	ng	0.00
78) Terphenyl-d14	13.22	244	1312469	78.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.13	88	148801	36.66	ng	98
3) Pyridine	2.63	79	358144	32.37	ng	99
4) n-Nitrosodimethylamine	2.59	42	197603	43.41	ng	91
6) Aniline	5.40	93	299381	20.59	ng	# 77
8) 2-Chlorophenol	5.55	128	438480	47.21	ng	94
9) Benzaldehyde	5.27	77	124959	17.70	ng	100
10) Phenol	5.43	94	587697	49.41	ng	90
11) bis(2-Chloroethyl)ether	5.49	93	417645	44.93	ng	95
12) 1,3-Dichlorobenzene	5.71	146	467131	44.84	ng	99
13) 1,4-Dichlorobenzene	5.79	146	470472	44.59	ng	97
14) 1,2-Dichlorobenzene	5.97	146	432653	44.53	ng	97
15) Benzyl Alcohol	5.96	79	339604	44.39	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.11	45	538245	37.58	ng	# 35
17) 2-Methylphenol	6.10	107	359062	45.14	ng	# 90
18) Hexachloroethane	6.36	117	162145	43.72	ng	89
19) n-Nitroso-di-n-propylamine	6.27	70	317285	47.23	ng	96
20) 3+4-Methylphenols	6.29	107	503052	52.22	ng	# 61
22) Acetophenone	6.25	105	626210	48.69	ng	# 86
24) Nitrobenzene	6.45	77	446637	44.79	ng	94
25) Isophorone	6.74	82	809986	45.59	ng	95
26) 2-Nitrophenol	6.83	139	249921	52.55	ng	100
27) 2,4-Dimethylphenol	6.90	122	401097	48.95	ng	98
28) bis(2-Chloroethoxy)methane	7.00	93	525517	44.85	ng	98
29) 2,4-Dichlorophenol	7.13	162	386121	50.39	ng	99
30) 1,2,4-Trichlorobenzene	7.22	180	370976	47.01	ng	99
31) Naphthalene	7.30	128	1247976	44.98	ng	100
32) Benzoic acid	6.90	122	401097	73.53	ng	# 13
33) 4-Chloroaniline	7.37	127	142327	12.66	ng	# 93
34) Hexachlorobutadiene	7.46	225	185239	45.77	ng	98
35) Caprolactam	7.82	113	38296	15.67	ng	96
36) 4-Chloro-3-methylphenol	8.01	107	405026	50.59	ng	87
37) 2-Methylnaphthalene	8.15	142	862293	46.62	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.36	216	330924	44.82	ng	100
40) Hexachlorocyclopentadiene	8.34	237	248678	71.97	ng	99

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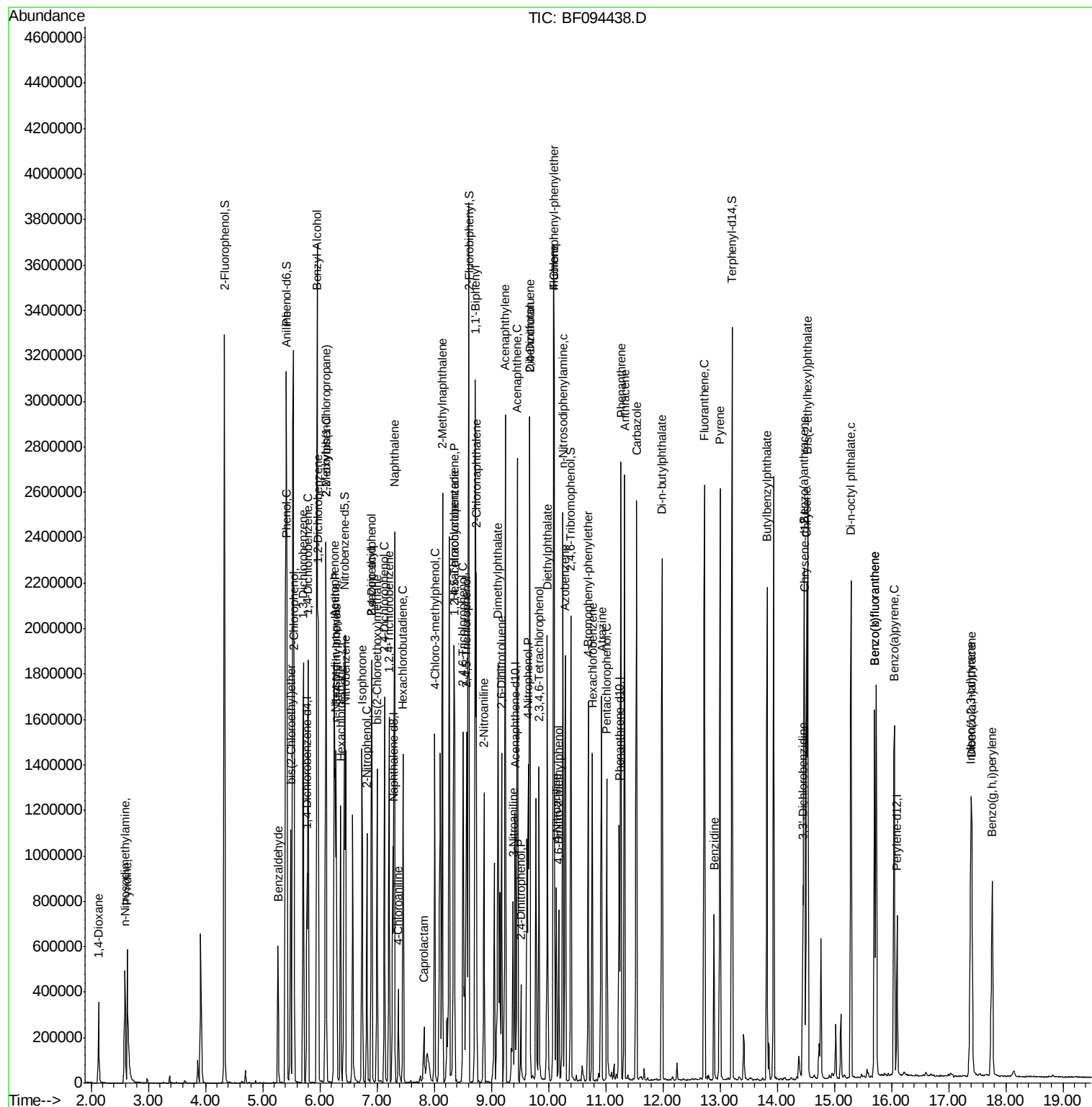
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	249677	47.79	nq	97
43) 2,4,5-Trichlorophenol	8.56	196	255907	45.27	nq	97
45) 1,1'-Biphenyl	8.72	154	965840	44.36	nq	98
46) 2-Chloronaphthalene	8.74	162	773465	45.39	nq	95
47) 2-Nitroaniline	8.87	65	241180	47.71	nq	# 84
48) Acenaphthylene	9.25	152	1204970	42.54	nq	99
49) Dimethylphthalate	9.12	163	1043896	54.41	nq	99
50) 2,6-Dinitrotoluene	9.18	165	212988	48.43	nq	# 88
51) Acenaphthene	9.46	154	725923	43.92	nq	99
52) 3-Nitroaniline	9.38	138	145042	28.08	nq	88
53) 2,4-Dinitrophenol	9.52	184	65530	30.88	nq	# 69
54) Dibenzofuran	9.67	168	1051369	46.73	nq	98
55) 4-Nitrophenol	9.65	139	336637	83.23	nq	86
56) 2,4-Dinitrotoluene	9.67	165	263803	47.75	nq	# 70
57) Fluorene	10.09	166	812373	43.54	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.83	232	182508	47.06	nq	96
59) Diethylphthalate	9.98	149	897963	47.35	nq	99
60) 4-Chlorophenyl-phenylether	10.10	204	351623	44.24	nq	92
61) 4-Nitroaniline	10.15	138	223720	45.14	nq	97
62) Azobenzene	10.29	77	857565	47.81	nq	96
64) 4,6-Dinitro-2-methylphenol	10.18	198	105265	34.79	nq	# 71
65) n-Nitrosodiphenylamine	10.25	169	769723	45.05	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	223577	46.02	nq	97
67) Hexachlorobenzene	10.77	284	220990	44.93	nq	# 90
68) Atrazine	10.93	200	234307	45.79	nq	95
69) Pentachlorophenol	11.02	266	164487	53.73	nq	99
70) Phenanthrene	11.27	178	1205146	43.85	nq	99
71) Anthracene	11.33	178	1252630	44.27	nq	99
72) Carbazole	11.54	167	1196475	41.24	nq	98
73) Di-n-butylphthalate	11.99	149	1412274	46.80	nq	99
74) Fluoranthene	12.73	202	1250858	44.45	nq	99
76) Benzidine	12.90	184	299158	20.16	nq	# 92
77) Pyrene	13.00	202	1252239	46.01	nq	99
79) Butylbenzylphthalate	13.82	149	598969	51.66	nq	# 84
80) Benzo(a)anthracene	14.47	228	997853	45.63	nq	98
81) 3,3'-Dichlorobenzidine	14.44	252	170242	21.78	nq	# 98
82) Chrysene	14.52	228	906023	44.65	nq	99
83) Bis(2-ethylhexyl)phthalate	14.54	149	816958	51.64	nq	# 98
84) Di-n-octyl phthalate	15.29	149	1284127	48.59	nq	97
85) Indeno(1,2,3-cd)pyrene	17.39	276	745294	42.41	nq	99
87) Benzo(b)fluoranthene	15.70	252	837643	49.45	nq	98
88) Benzo(k)fluoranthene	15.70	252	837643	50.54	nq	95
89) Benzo(a)pyrene	16.05	252	721062	46.23	nq	99
90) Dibenzo(a,h)anthracene	17.41	278	612198	46.34	nq	98
91) Benzo(g,h,i)perylene	17.77	276	624091	46.88	nq	98

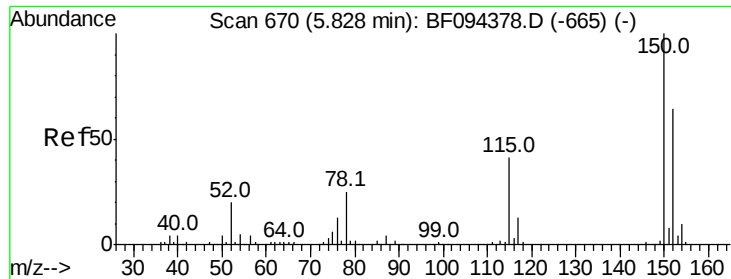
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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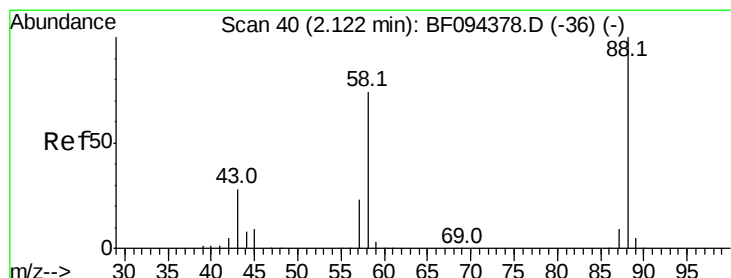
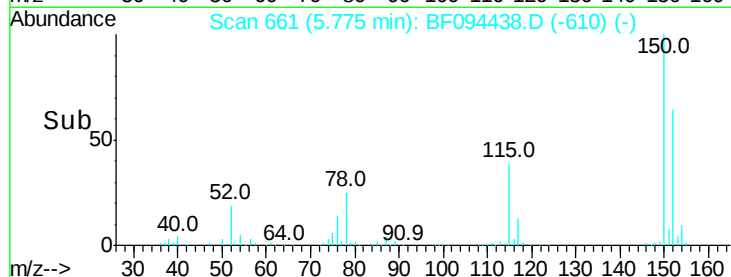
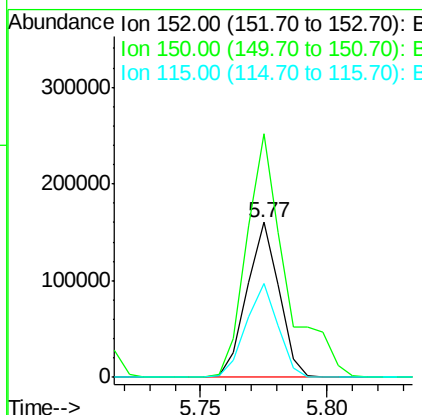
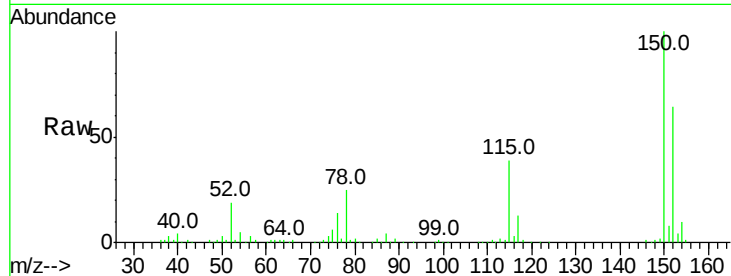


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Instrument :
BNA_F
ClientSampleId :

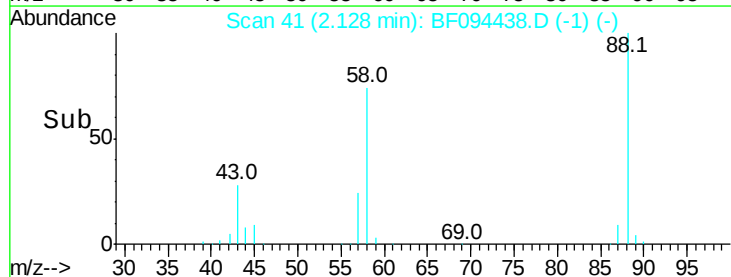
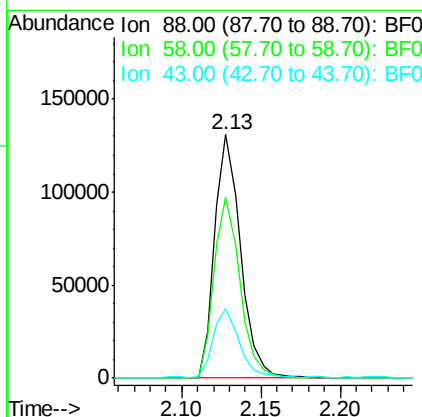
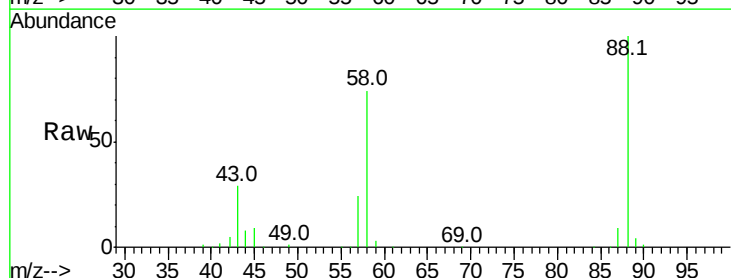
Tot Ion:152 Resp: 142713
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 60.7 52.2 78.2

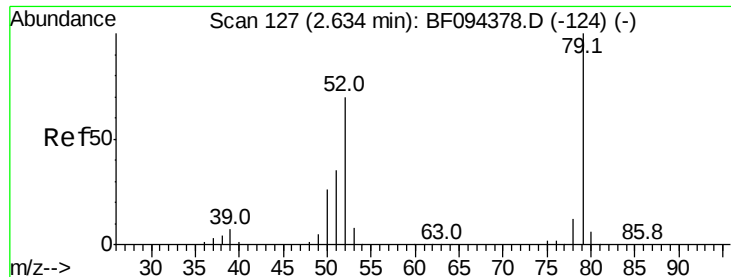


#2

1,4-Dioxane
Concen: 36.66 ng
RT: 2.13 min Scan# 41
Delta R.T. 0.04 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion: 88 Resp: 148801
Ion Ratio Lower Upper
88 100
58 74.7 61.4 92.0
43 28.5 23.4 35.0





#3

Pvridine

Concen: 32.37 ng

RT: 2.63 min Scan# 126

Delta R.T. 0.04 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

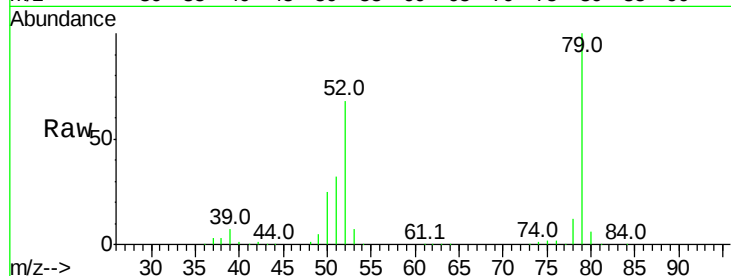
Tot Ion: 79 Resp: 358144

Ion Ratio Lower Upper

79 100

52 67.9 54.8 82.2

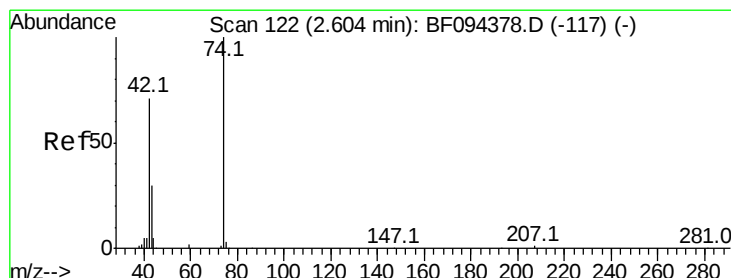
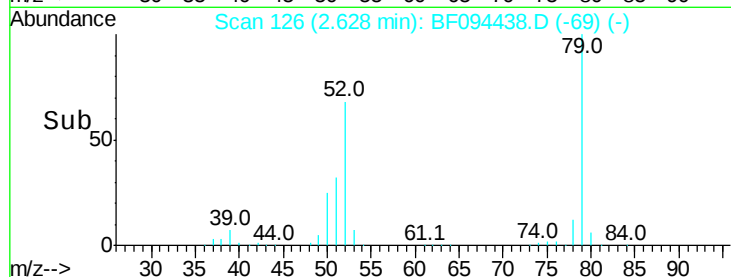
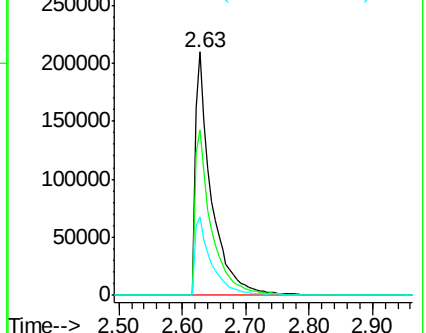
51 32.2 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.41 ng

RT: 2.59 min Scan# 120

Delta R.T. 0.03 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

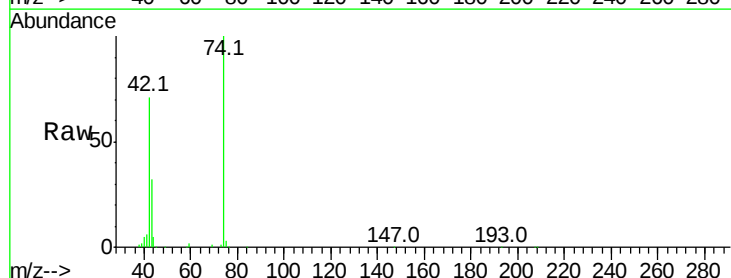
Tgt Ion: 42 Resp: 197603

Ion Ratio Lower Upper

42 100

74 141.2 103.9 155.9

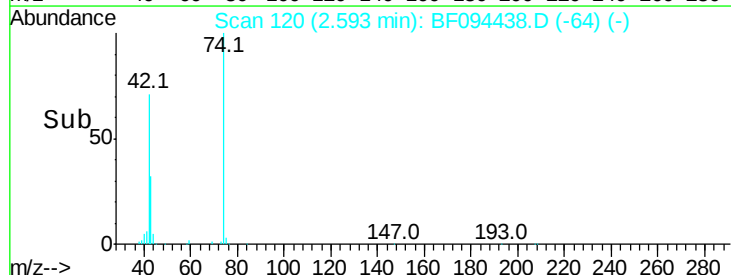
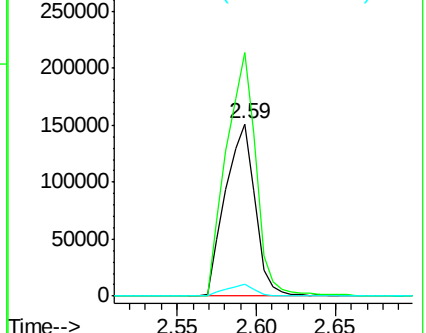
44 7.0 5.7 8.5

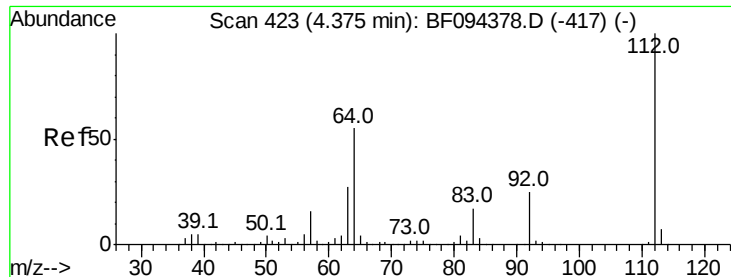


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 130.99 ng

RT: 4.33 min Scan# 416

Delta R.T. 0.02 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :
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ClientSampleId :

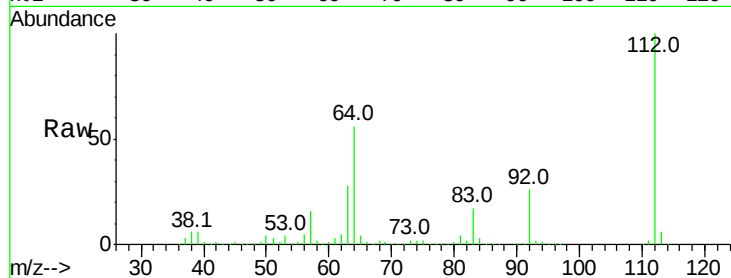
Tot Ion:112 Resp: 1106838

Ion Ratio Lower Upper

112 100

64 55.6 46.0 69.0

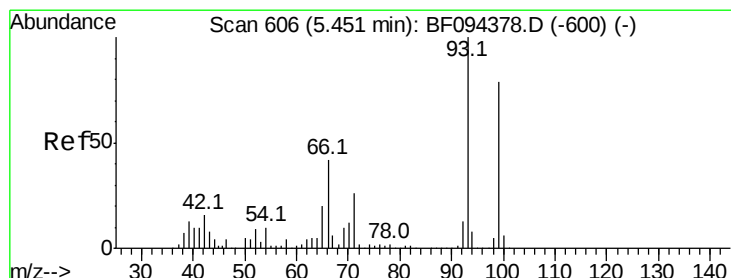
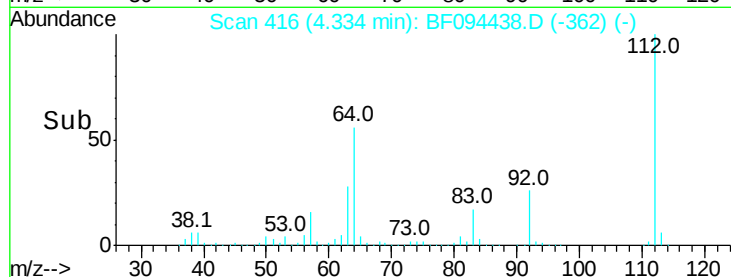
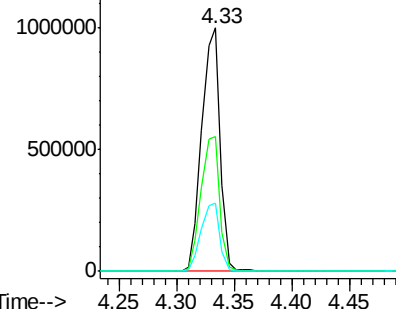
63 27.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.59 ng

RT: 5.40 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

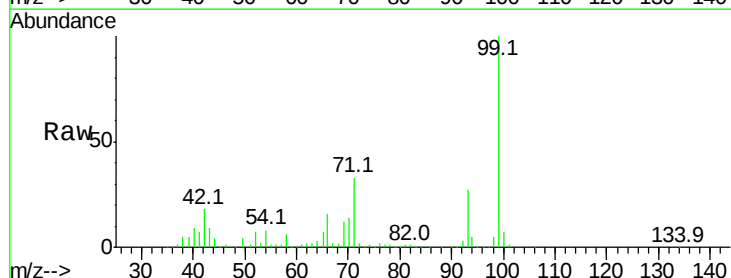
Tgt Ion: 93 Resp: 299381

Ion Ratio Lower Upper

93 100

66 59.2 32.9 49.3#

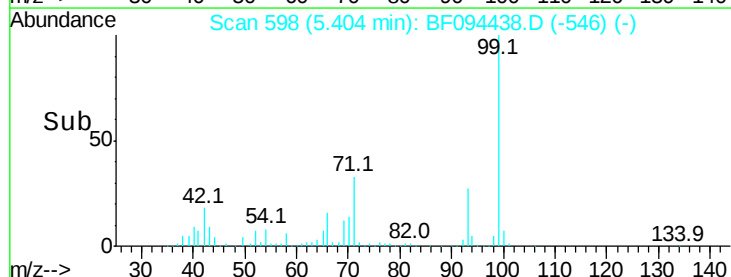
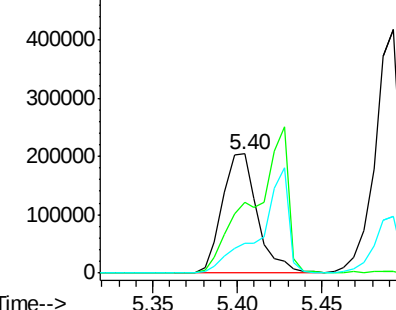
65 25.2 16.0 24.0#

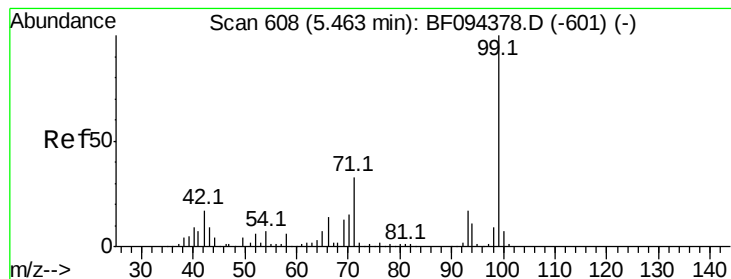


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.89 ng

RT: 5.42 min Scan# 600

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

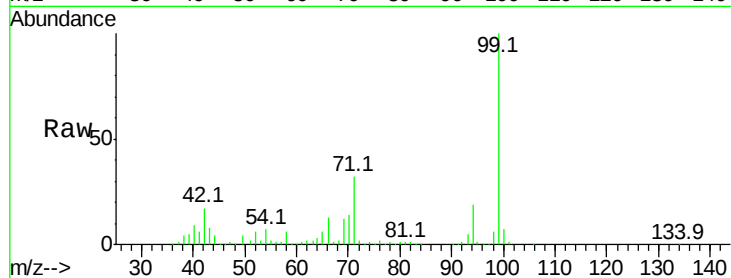
Tot Ion: 99 Resp: 1399555

Ion Ratio Lower Upper

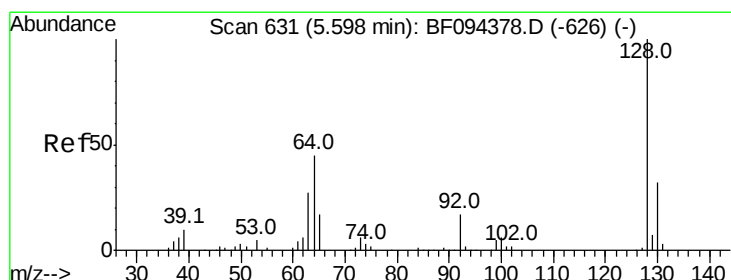
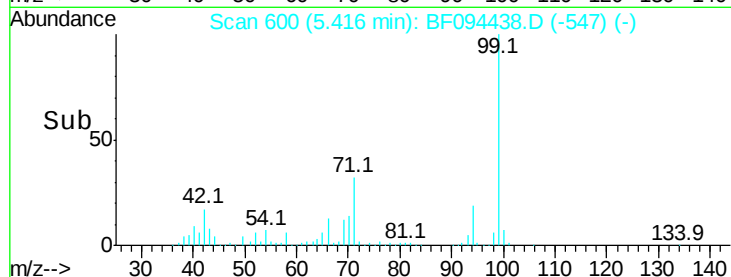
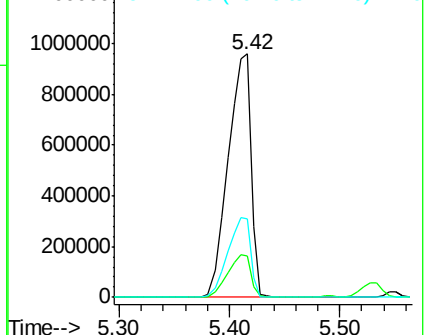
99 100

42 17.0 13.5 20.3

71 32.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.21 ng

RT: 5.55 min Scan# 623

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

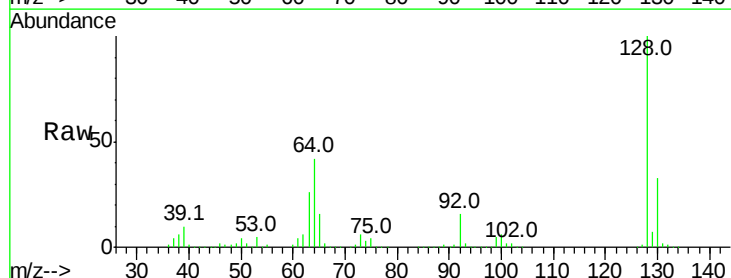
Tgt Ion: 128 Resp: 438480

Ion Ratio Lower Upper

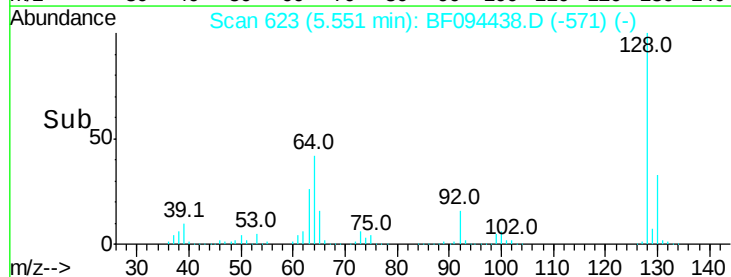
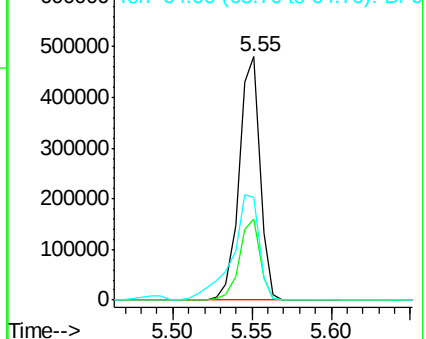
128 100

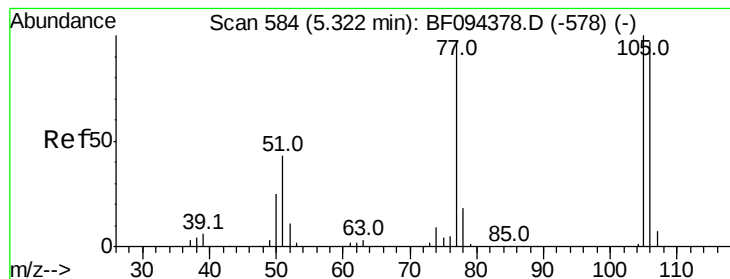
130 33.3 12.9 52.9

64 42.2 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.70 ng

RT: 5.27 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampled :

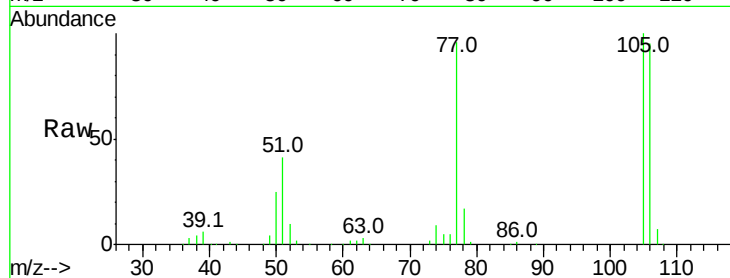
Tot Ion: 77 Resp: 124959

Ion Ratio Lower Upper

77 100

105 103.9 83.8 123.8

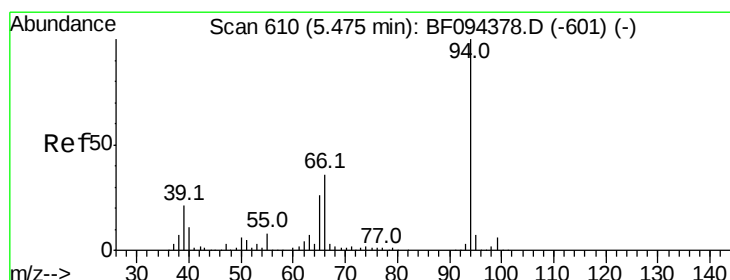
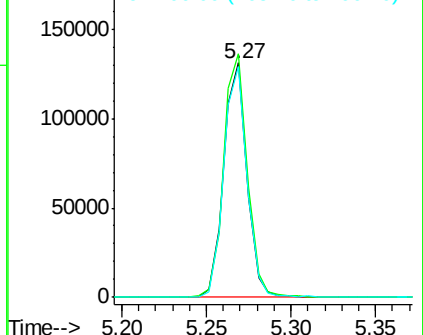
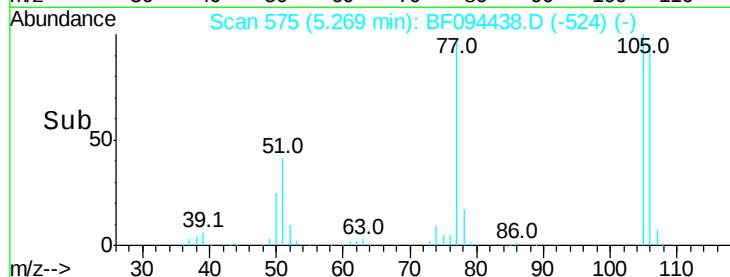
106 98.7 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 49.41 ng

RT: 5.43 min Scan# 602

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

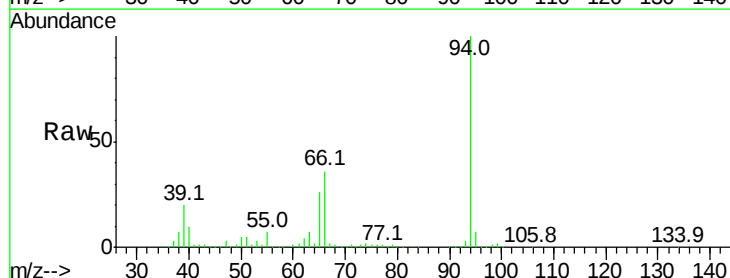
Tgt Ion: 94 Resp: 587697

Ion Ratio Lower Upper

94 100

65 25.8 9.9 49.9

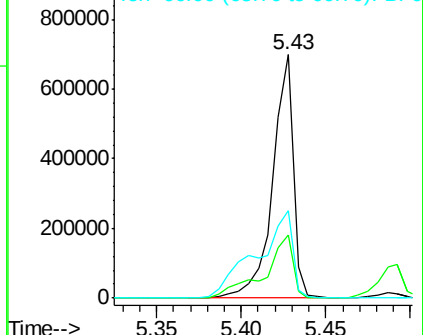
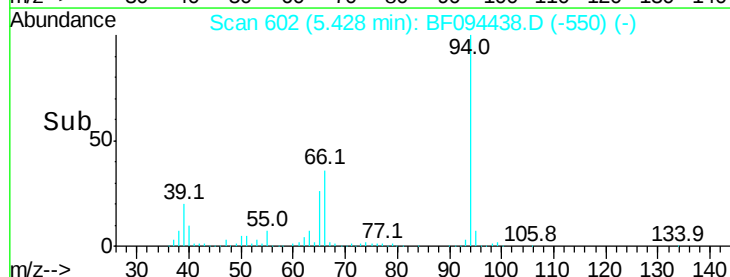
66 36.0 23.1 63.1

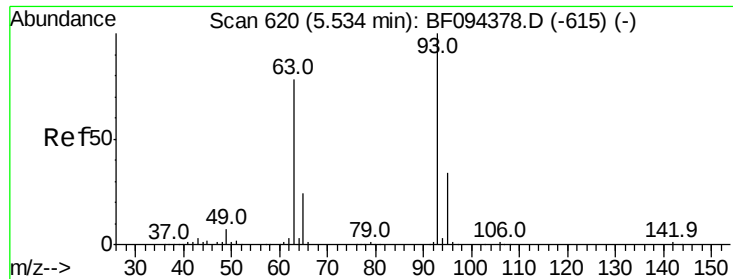


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

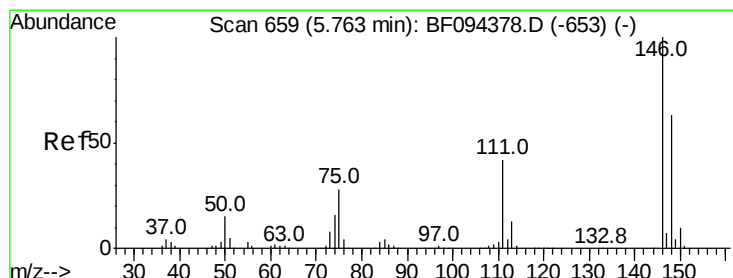
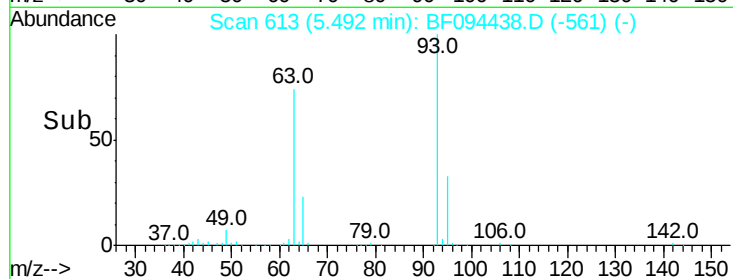
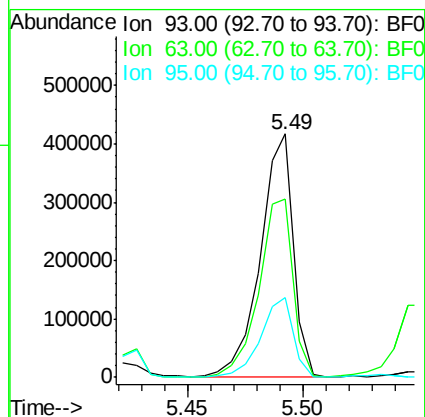
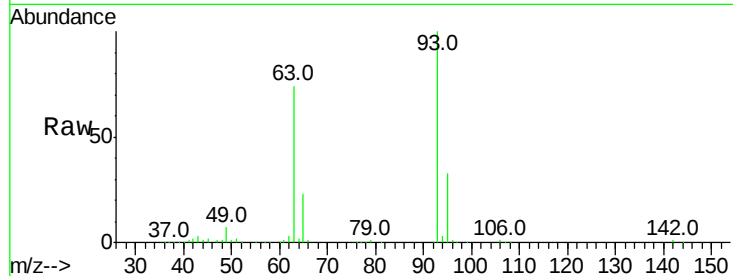




#11
 bis(2-Chloroethyl)ether
 Concen: 44.93 ng
 RT: 5.49 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

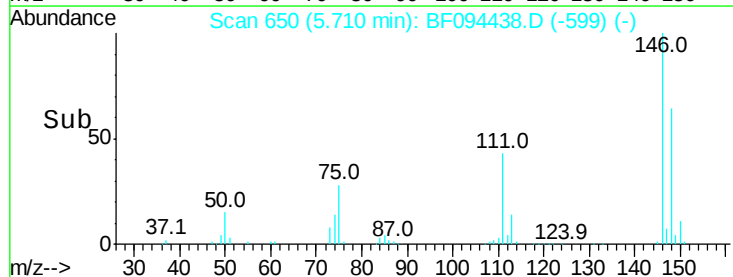
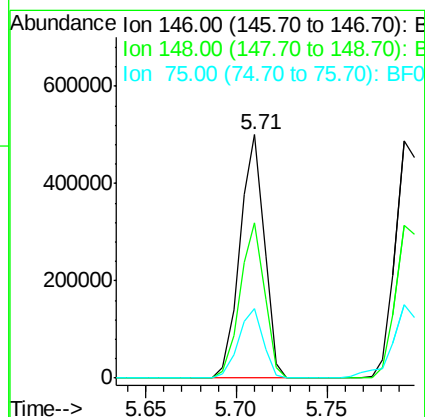
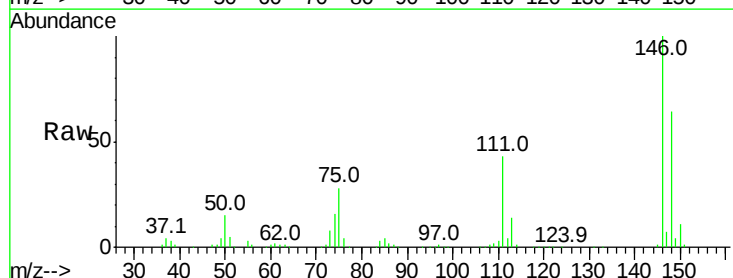
Instrument :
 BNA_F
 ClientSampleId :

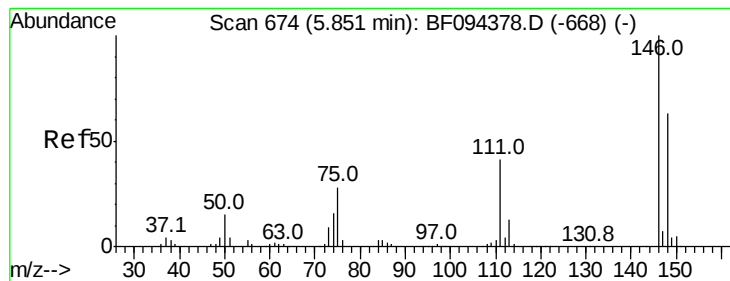
Tot Ion: 93 Resp: 417645
 Ion Ratio Lower Upper
 93 100
 63 73.5 59.2 99.2
 95 32.9 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 44.84 ng
 RT: 5.71 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion: 146 Resp: 467131
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 75 28.5 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 44.59 ng

RT: 5.79 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

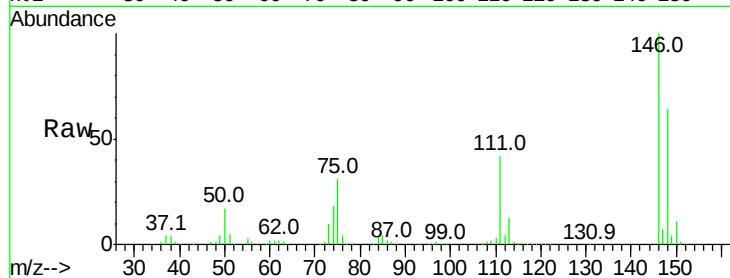
Tot Ion:146 Resp: 470472

Ion Ratio Lower Upper

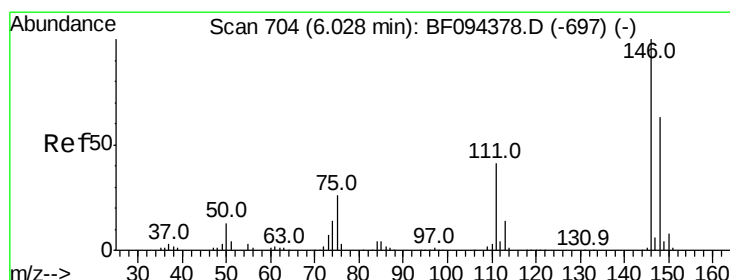
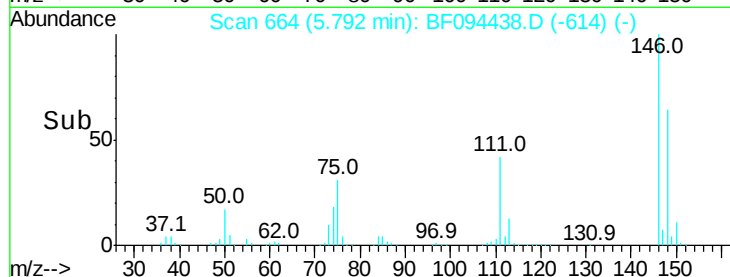
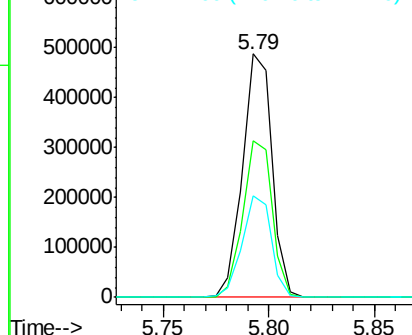
146 100

148 64.4 52.2 78.2

111 41.6 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.53 ng

RT: 5.97 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

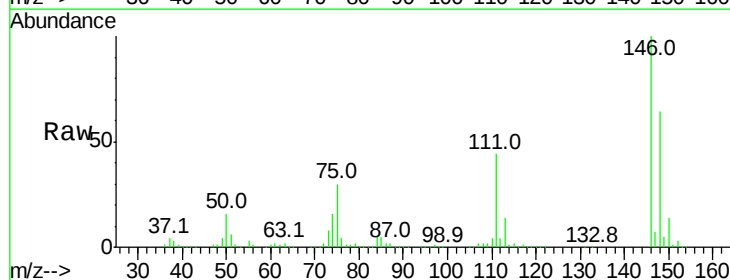
Tgt Ion:146 Resp: 432653

Ion Ratio Lower Upper

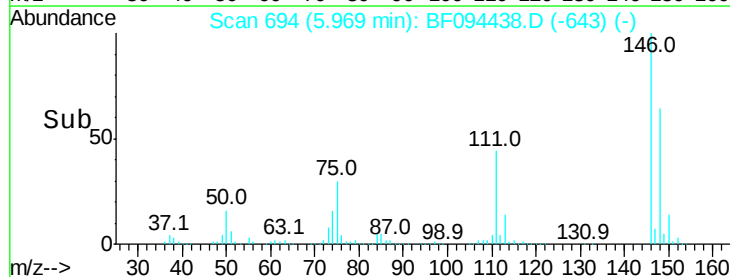
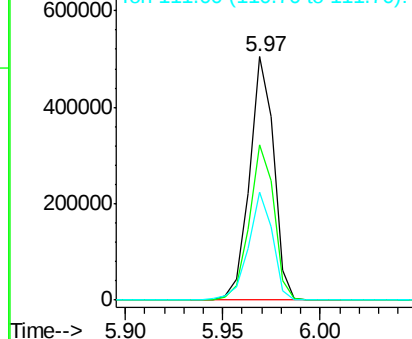
146 100

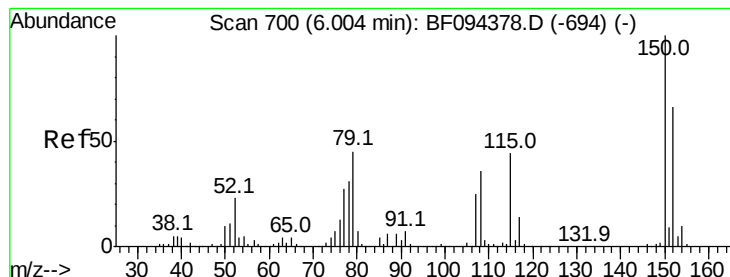
148 63.7 50.4 75.6

111 44.3 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.39 ng

RT: 5.96 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

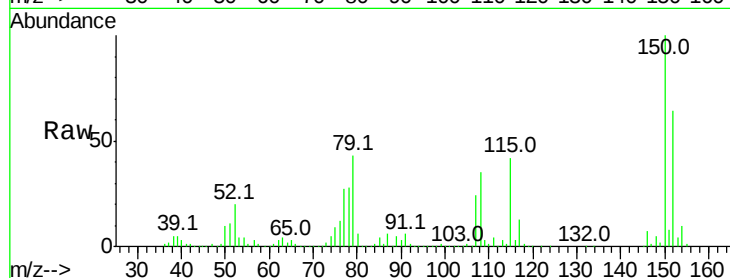
Tot Ion: 79 Resp: 339604

Ion Ratio Lower Upper

79 100

108 81.0 63.4 95.0

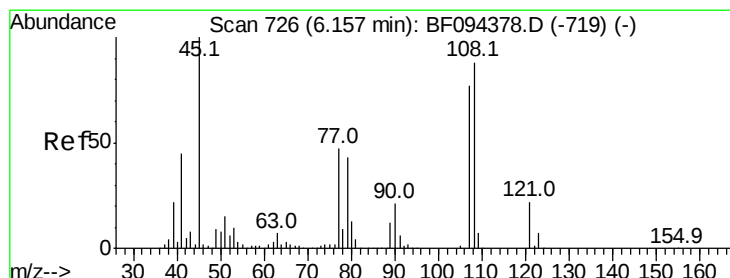
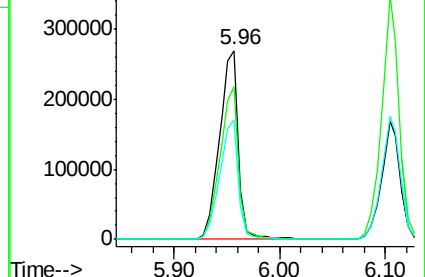
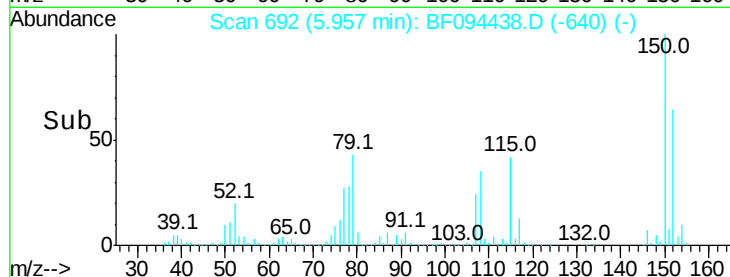
77 63.1 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.58 ng

RT: 6.11 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

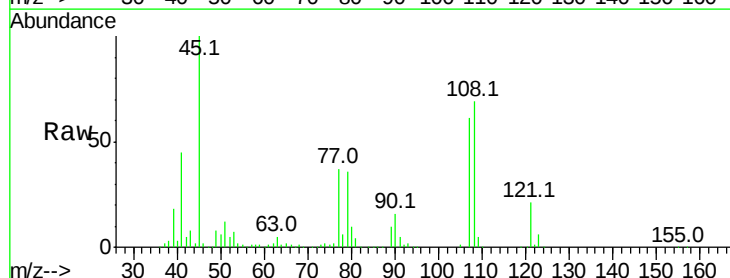
Tgt Ion: 45 Resp: 538245

Ion Ratio Lower Upper

45 100

77 37.4 0.0 33.2#

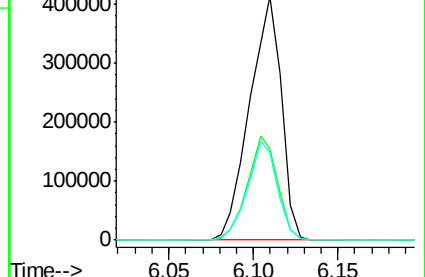
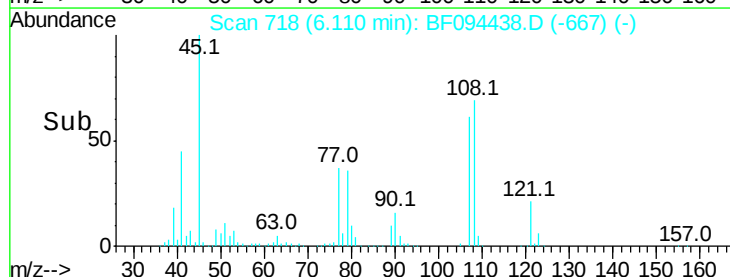
79 36.1 0.0 30.0#

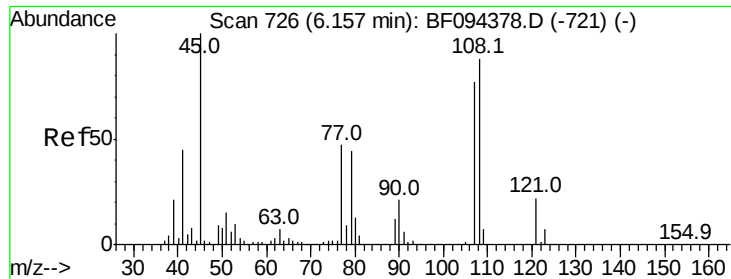


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

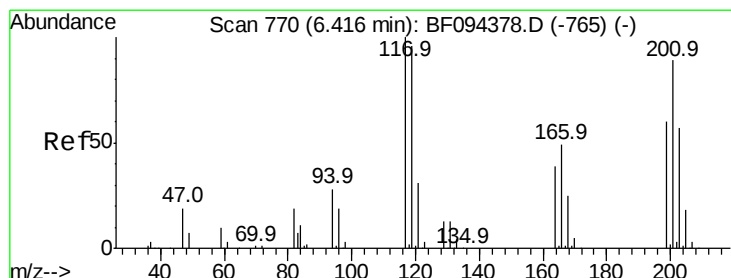
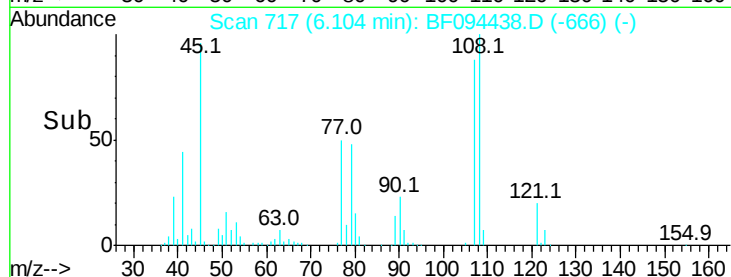
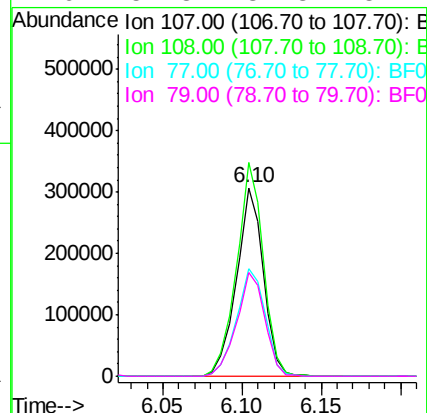
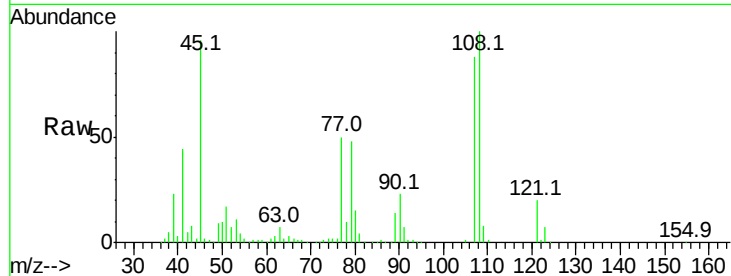




#17
2-Methylphenol
Concen: 45.14 ng
RT: 6.10 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

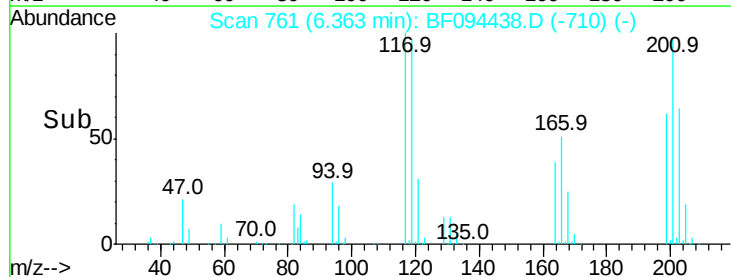
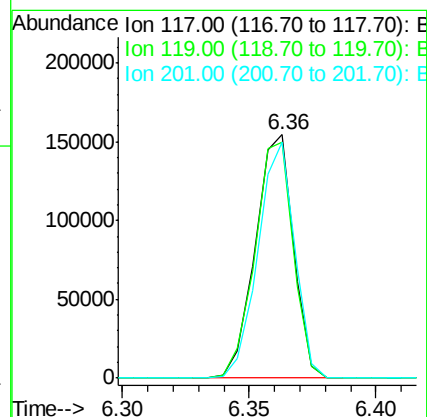
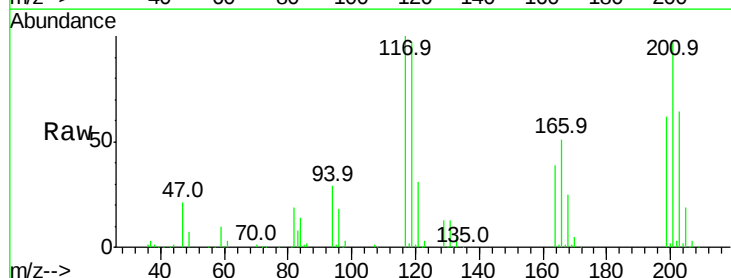
Instrument :
BNA_F
ClientSampleId :

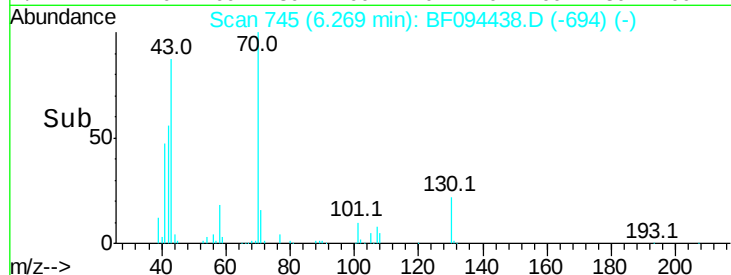
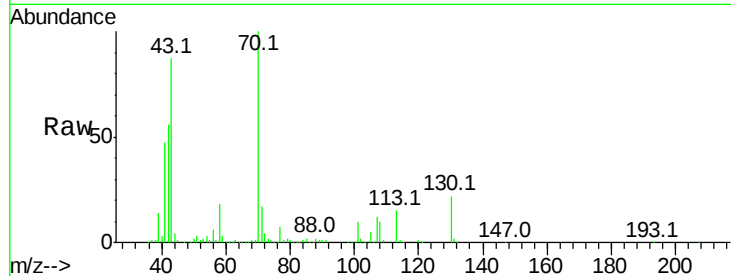
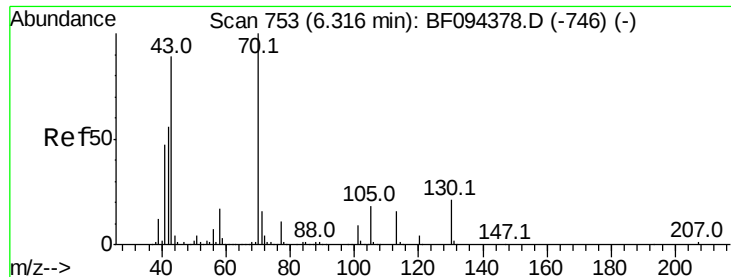
Tot Ion:107 Resp: 359062
Ion Ratio Lower Upper
107 100
108 113.5 93.4 140.0
77 57.2 35.8 53.6#
79 54.8 34.8 52.2#



#18
Hexachloroethane
Concen: 43.72 ng
RT: 6.36 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:117 Resp: 162145
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0
201 96.7 94.6 141.8

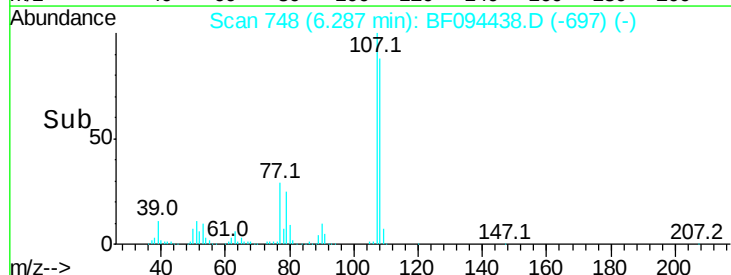
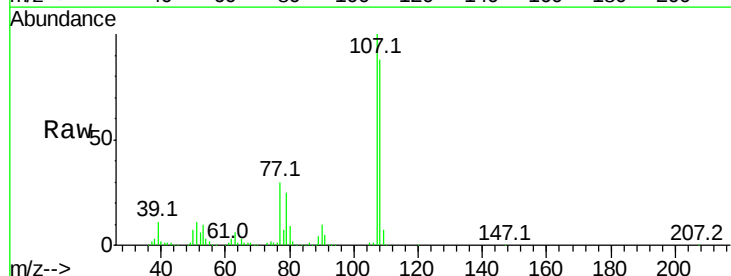
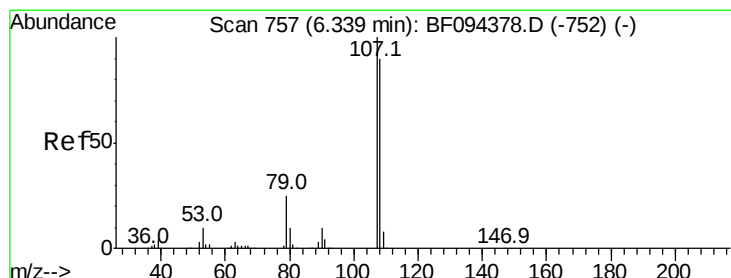
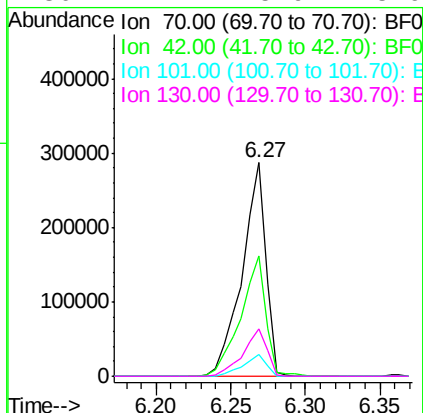




#19
n-Nitroso-di-n-propylamine
Concen: 47.23 ng
RT: 6.27 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

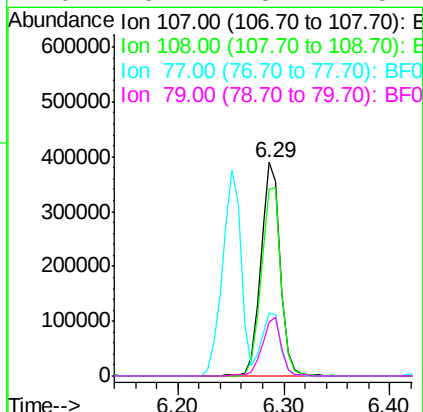
Instrument :
BNA_F
ClientSampleId :

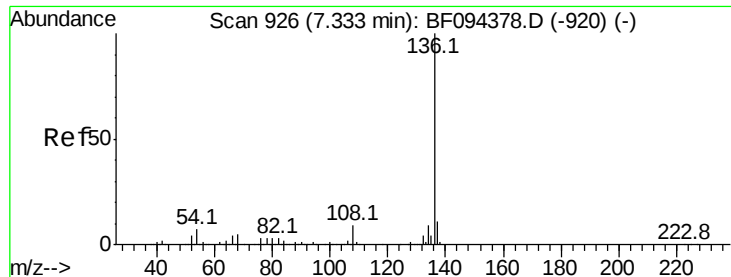
Tot Ion: 70 Resp: 317285
Ion Ratio Lower Upper
70 100
42 56.2 47.2 70.8
101 10.2 7.2 10.8
130 22.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 52.22 ng
RT: 6.29 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:107 Resp: 503052
Ion Ratio Lower Upper
107 100
108 87.8 71.0 111.0
77 29.7 90.5 130.5#
79 25.4 8.4 48.4

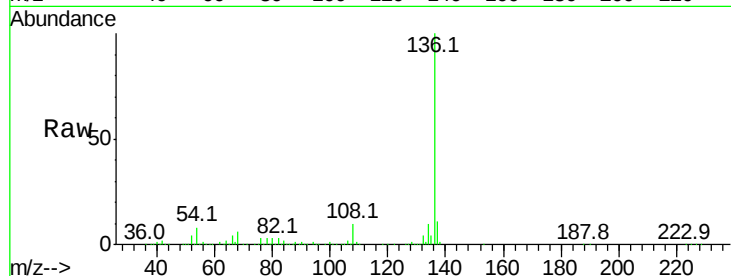




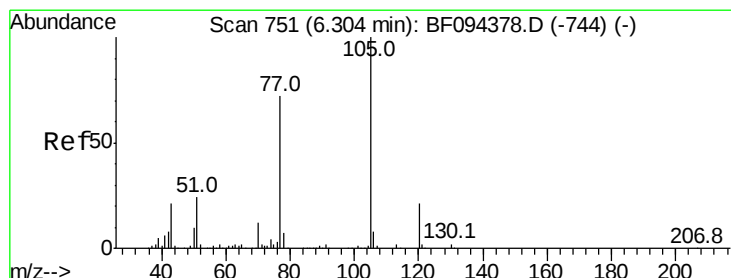
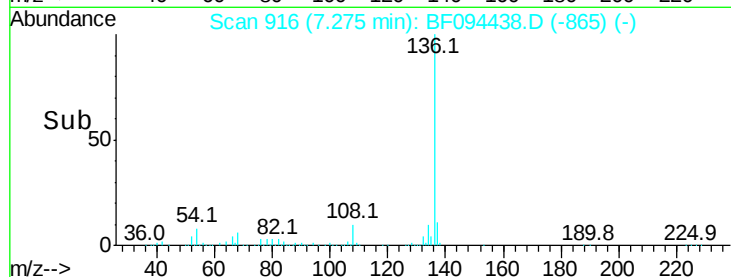
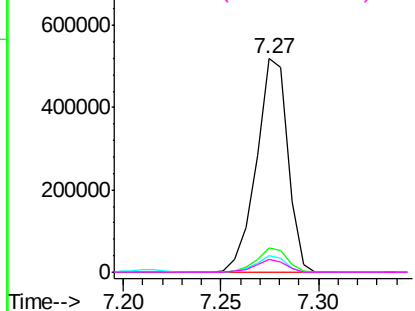
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	577063
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.5	12.7
54 7.6	4.9	7.3#
68 5.8	4.1	6.1

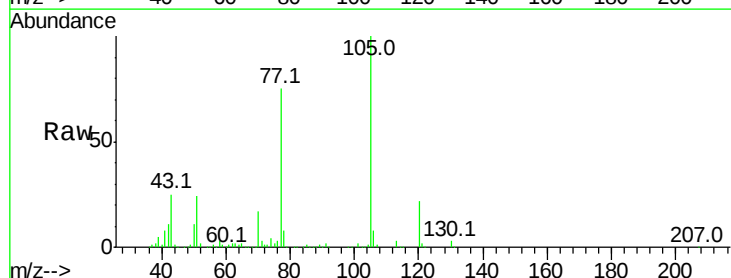


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

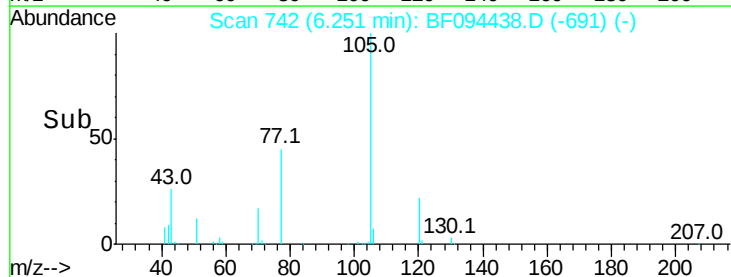
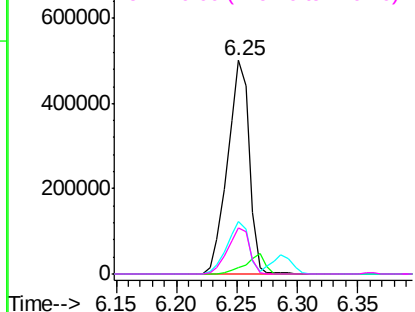


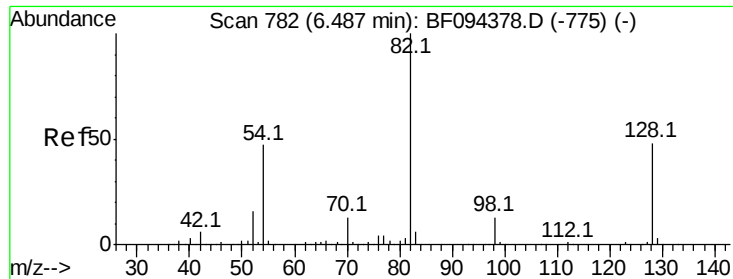
#22
Acetophenone
Concen: 48.69 ng
RT: 6.25 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:105	Resp:	626210
Ion Ratio	Lower	Upper
105 100		
71 2.8	2.8	4.2#
51 24.3	30.7	46.1#
120 21.5	17.4	26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

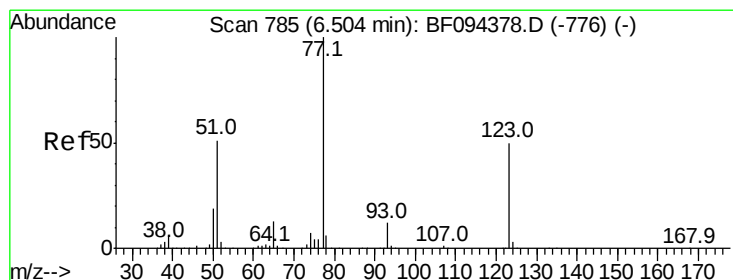
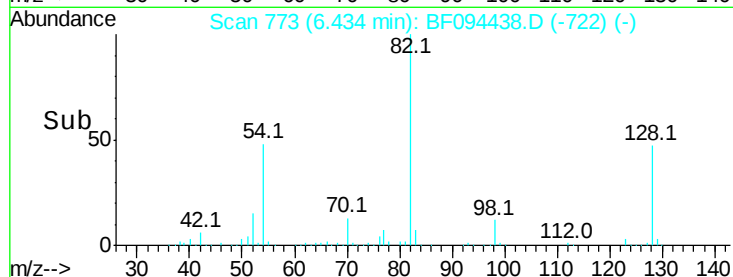
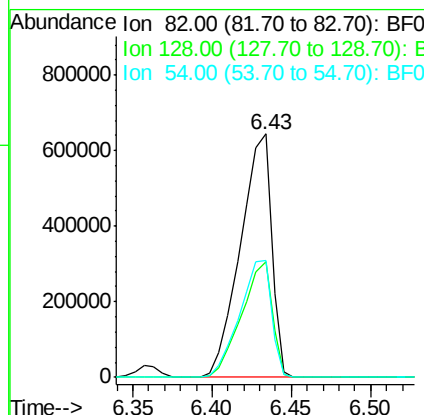
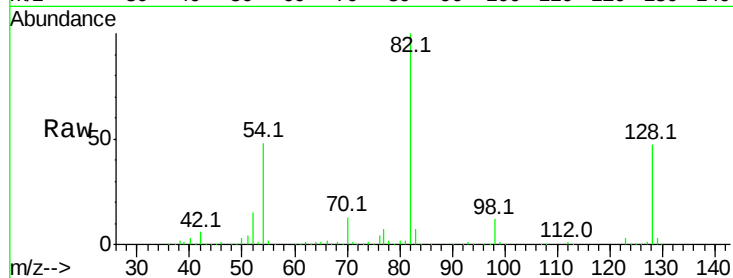




#23
 Nitrobenzene-d5
 Concen: 87.14 ng
 RT: 6.43 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

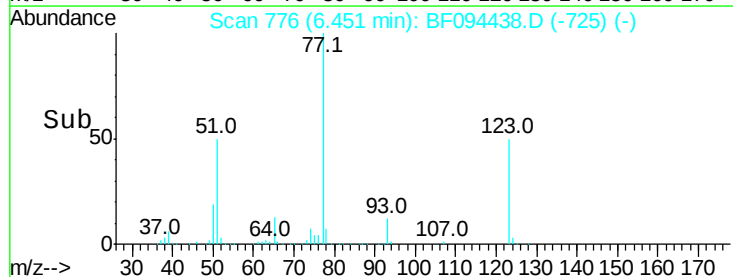
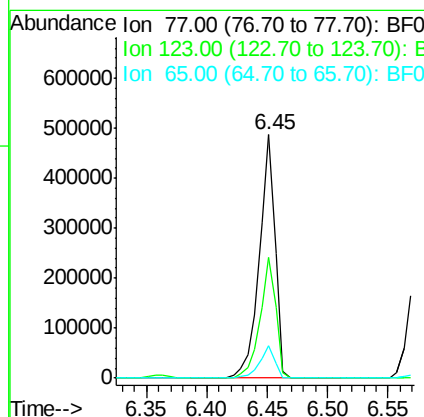
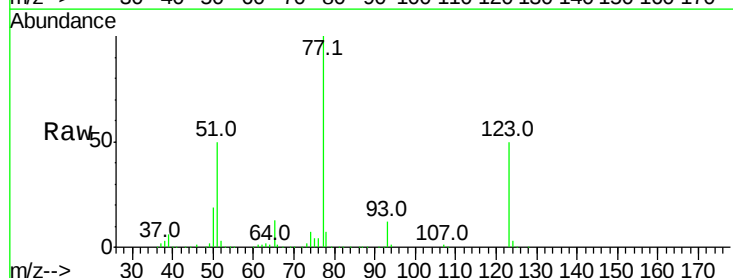
Instrument :
 BNA_F
 ClientSampleId :

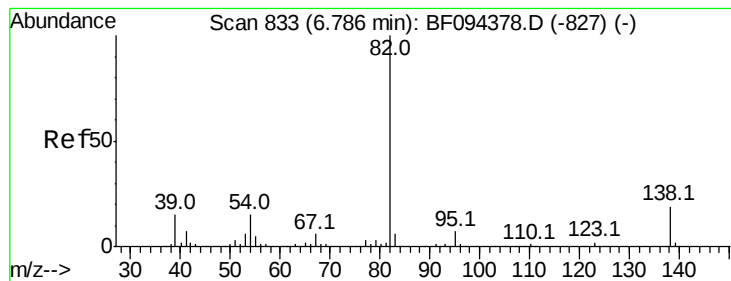
Tot Ion	82	Resp	881104
Ion Ratio	100	Lower	Upper
128	47.4	34.0	51.0
54	47.9	42.2	63.2



#24
 Nitrobenzene
 Concen: 44.79 ng
 RT: 6.45 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion	77	Resp	446637
Ion Ratio	100	Lower	Upper
123	49.7	35.8	53.8
65	13.5	10.6	15.8





#25

Isophorone

Concen: 45.59 ng

RT: 6.74 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

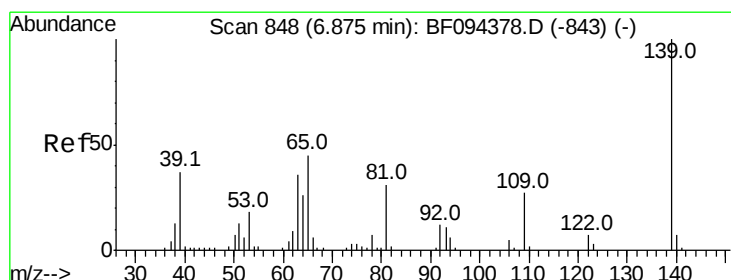
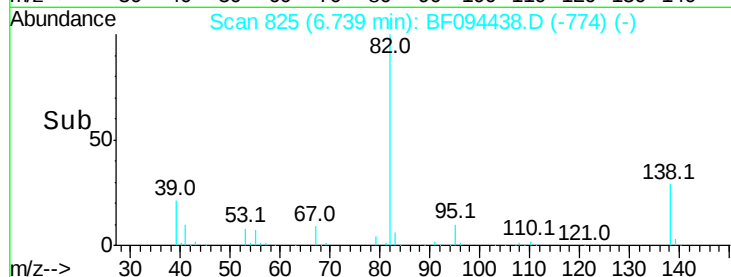
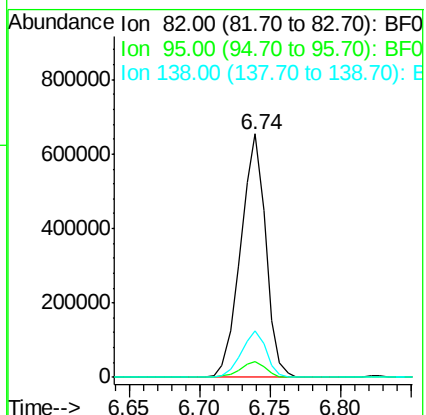
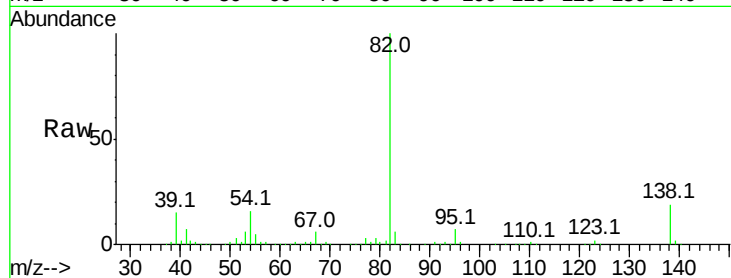
Tot Ion: 82 Resp: 809986

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.3 13.1 19.7



#26

2-Nitrophenol

Concen: 52.55 ng

RT: 6.83 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

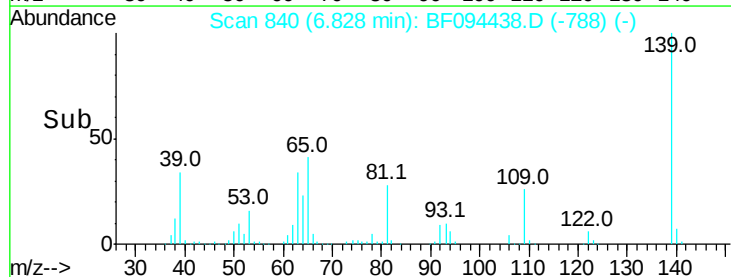
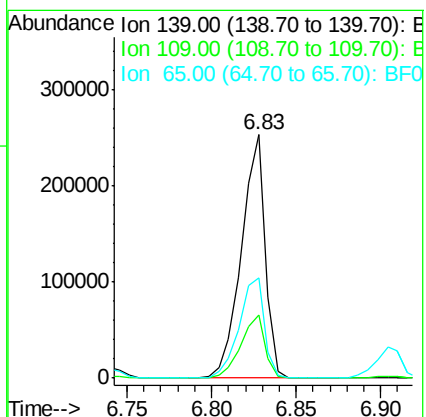
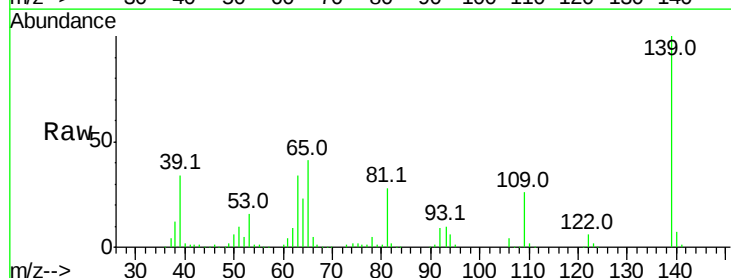
Tgt Ion:139 Resp: 249921

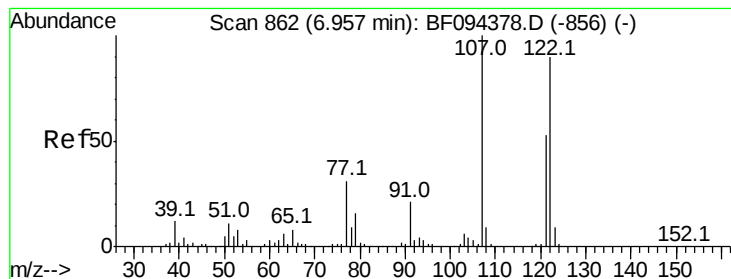
Ion Ratio Lower Upper

139 100

109 26.1 21.0 31.6

65 41.3 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 48.95 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

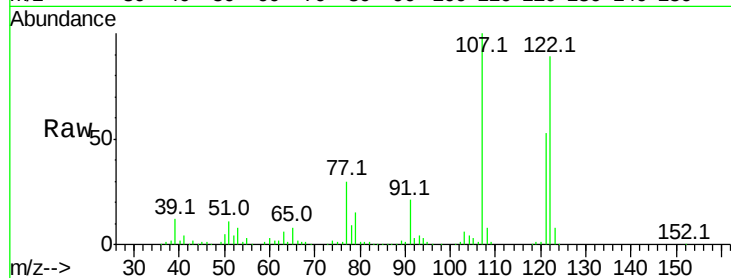
Tot Ion:122 Resp: 401097

Ion Ratio Lower Upper

122 100

107 112.9 89.2 133.8

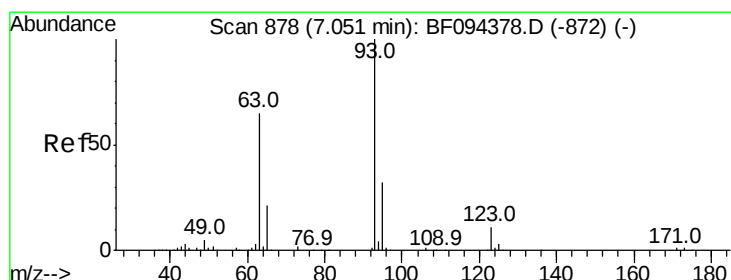
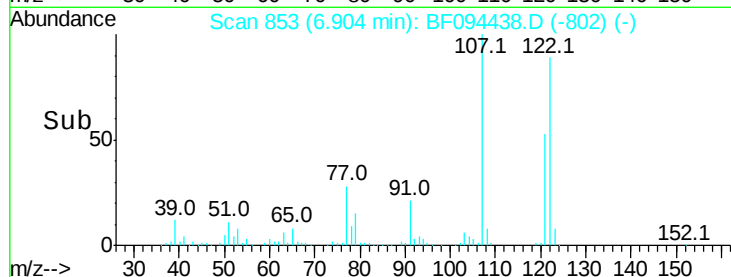
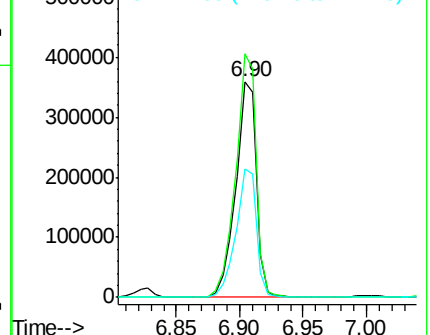
121 59.4 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.85 ng

RT: 7.00 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

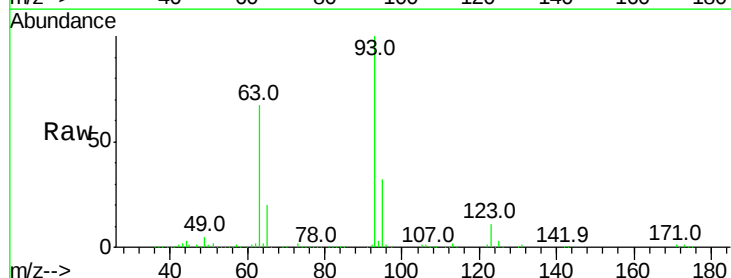
Tgt Ion: 93 Resp: 525517

Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

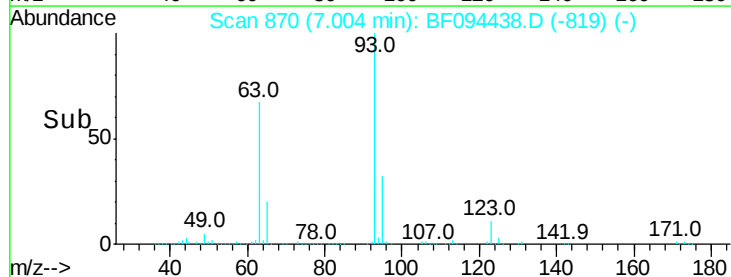
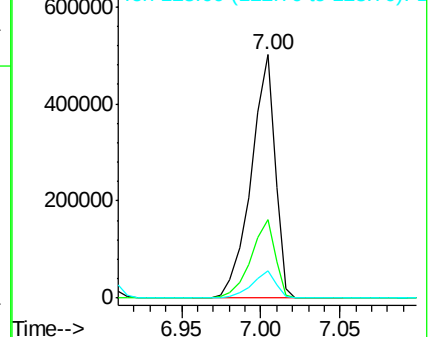
123 11.3 9.0 13.4

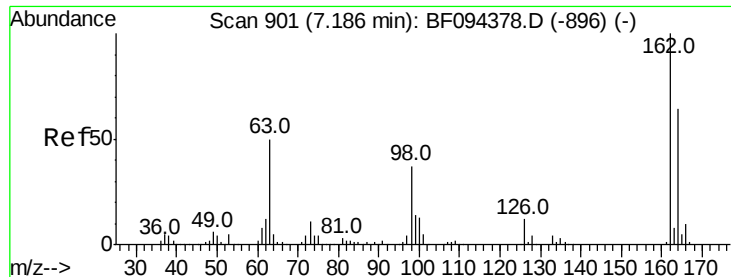


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

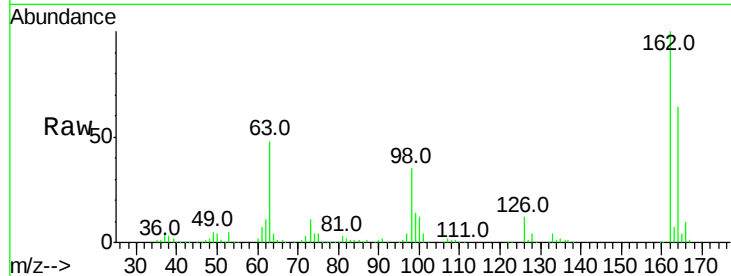




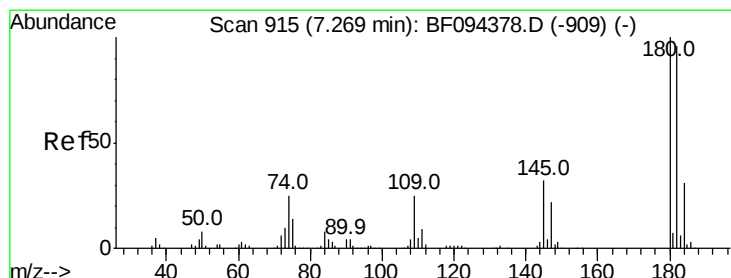
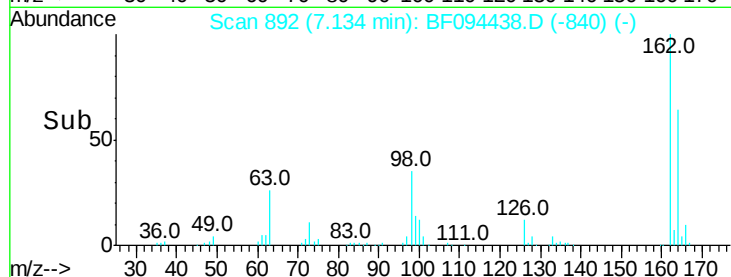
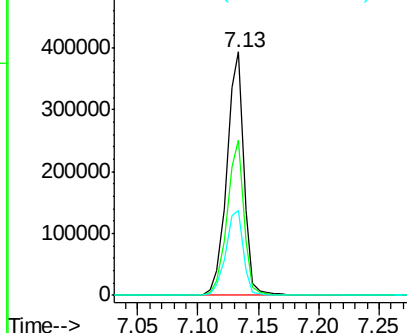
#29
 2,4-Dichlorophenol
 Concen: 50.39 ng
 RT: 7.13 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.6	84.6
98	34.9	14.8	54.8

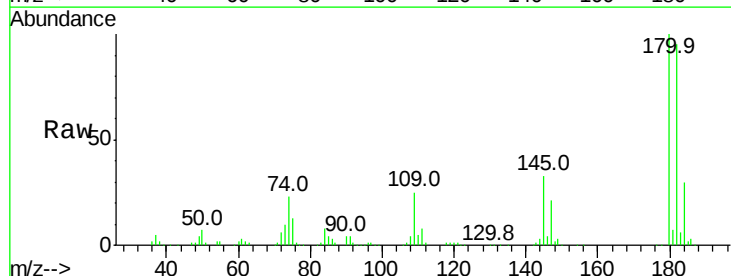


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

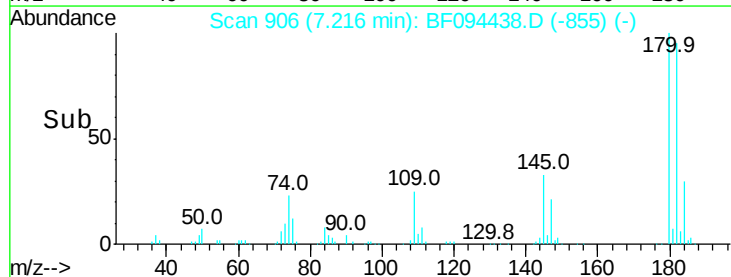
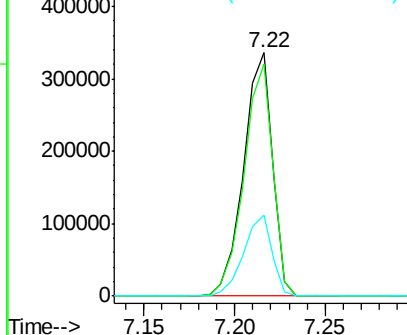


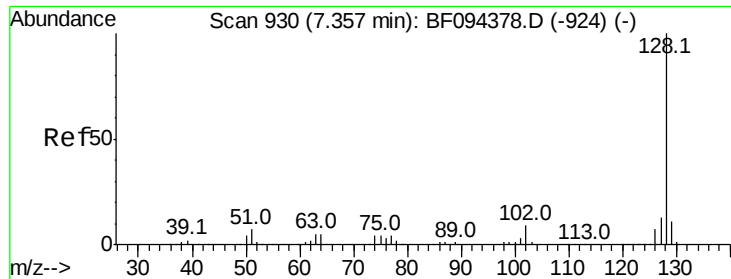
#30
 1,2,4-Trichlorobenzene
 Concen: 47.01 ng
 RT: 7.22 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.8	113.6
145	33.3	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

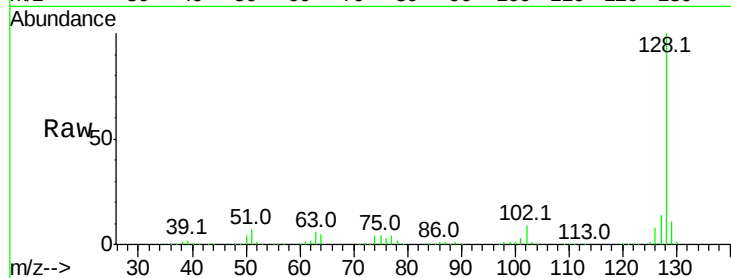




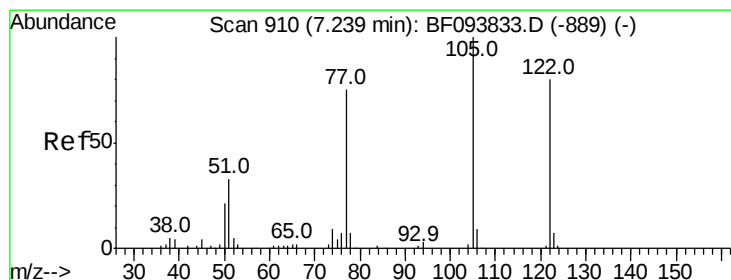
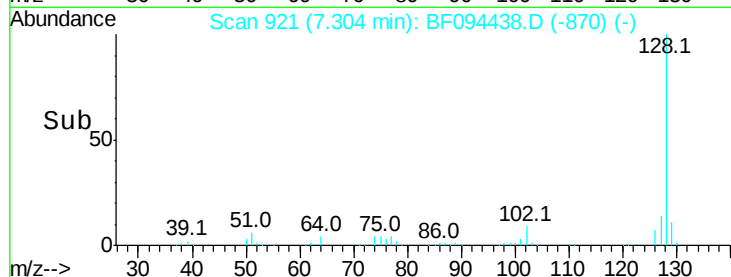
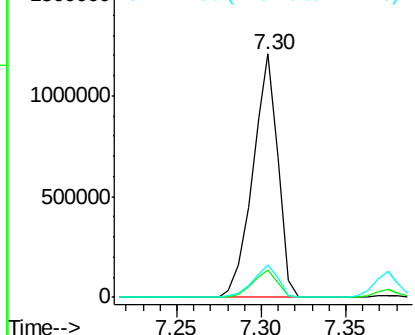
#31
Naphthalene
Concen: 44.98 ng
RT: 7.30 min Scan# 921
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1247976
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.8 16.2

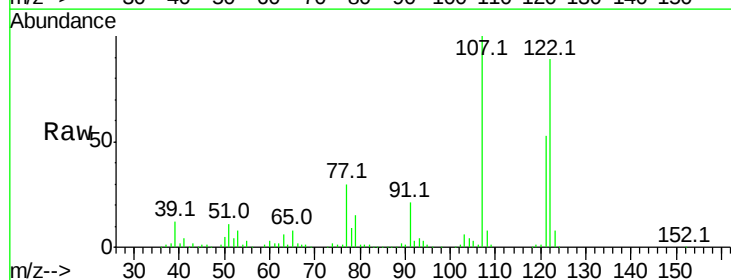


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

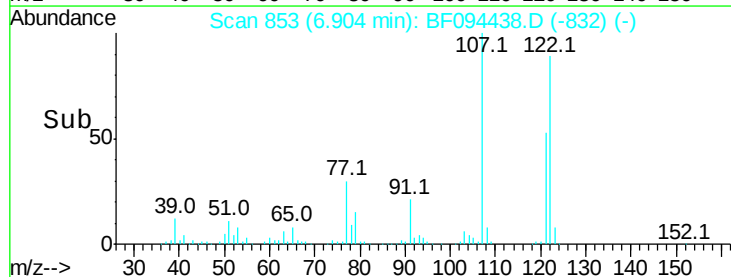
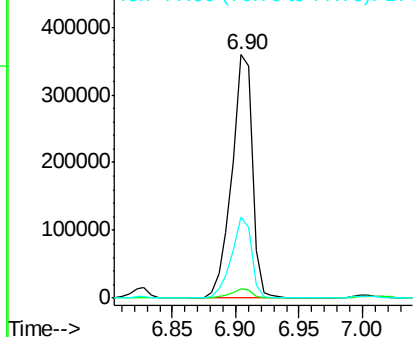


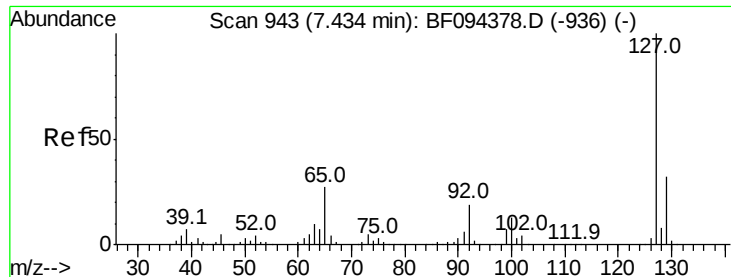
#32
Benzoic acid
Concen: 73.53 ng
RT: 6.90 min Scan# 853
Delta R.T. -0.18 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:122 Resp: 401097
Ion Ratio Lower Upper
122 100
105 3.7 103.3 143.3#
77 33.4 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

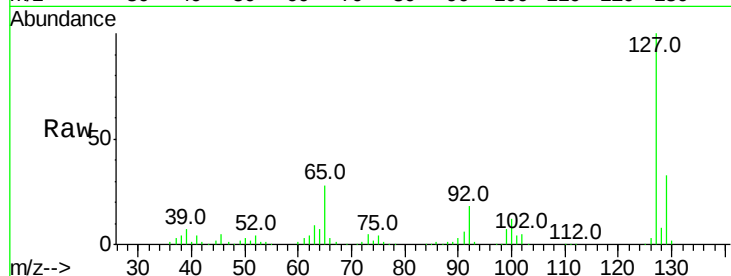




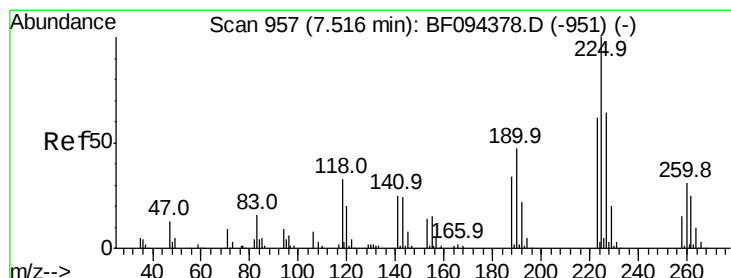
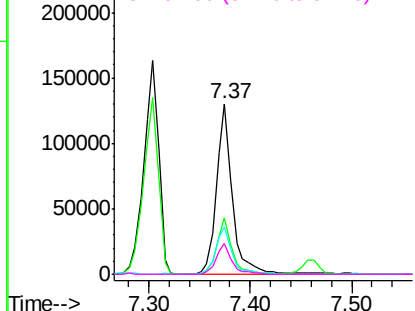
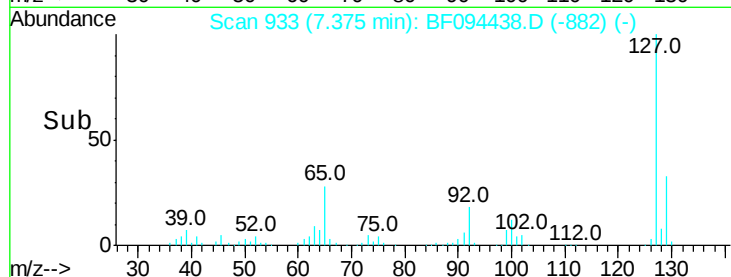
#33
4-Chloroaniline
Concen: 12.66 ng
RT: 7.37 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	142327
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.2	39.2
65	27.7	27.8	41.8#
92	18.2	16.8	25.2

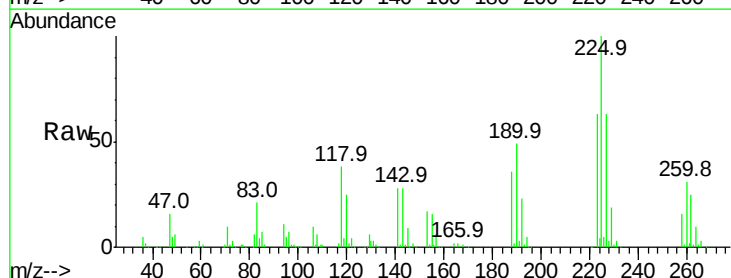


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

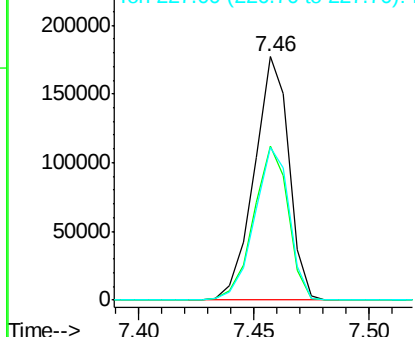
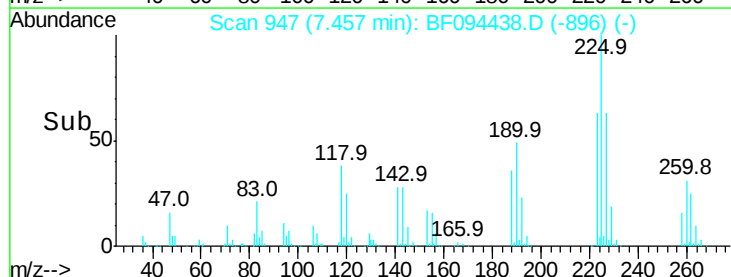


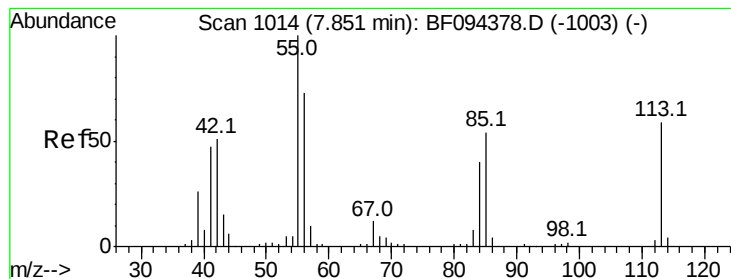
#34
Hexachlorobutadiene
Concen: 45.77 ng
RT: 7.46 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:	225	Resp:	185239
Ion	Ratio	Lower	Upper
225	100		
223	63.2	48.8	73.2
227	62.9	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 15.67 ng

RT: 7.82 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

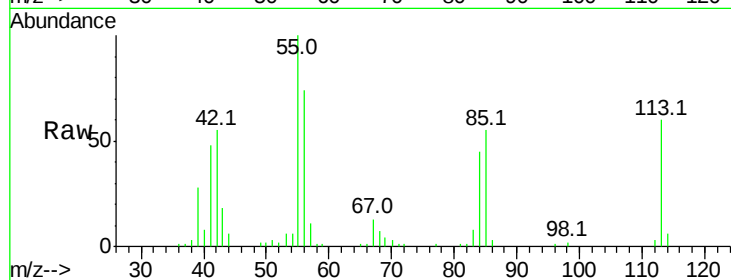
Tot Ion:113 Resp: 38296

Ion Ratio Lower Upper

113 100

55 165.6 150.2 190.2

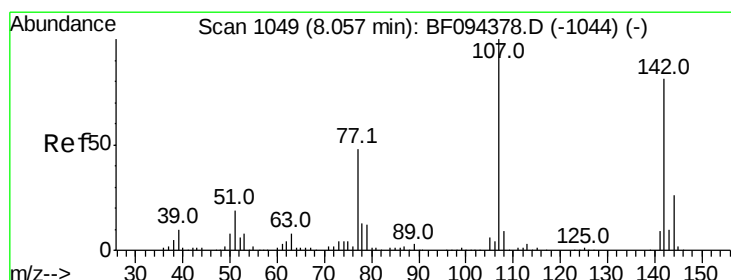
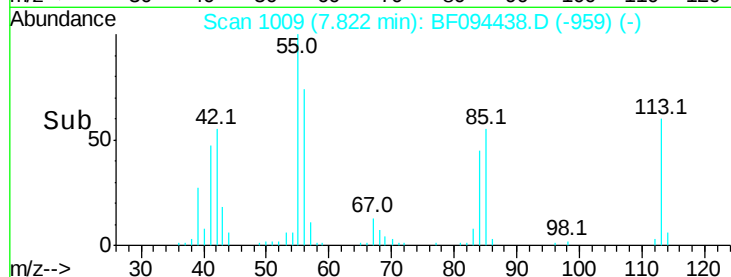
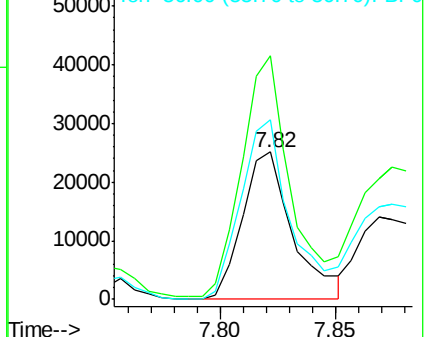
56 122.1 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 50.59 ng

RT: 8.01 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

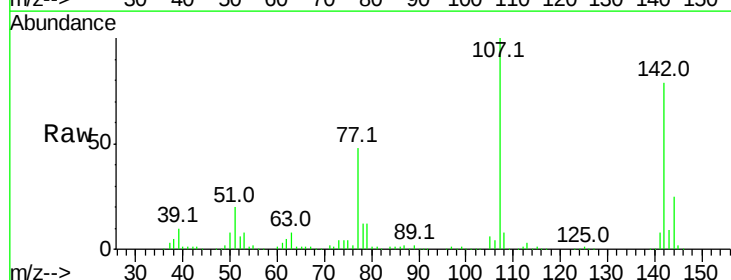
Tgt Ion:107 Resp: 405026

Ion Ratio Lower Upper

107 100

144 24.9 24.2 36.4

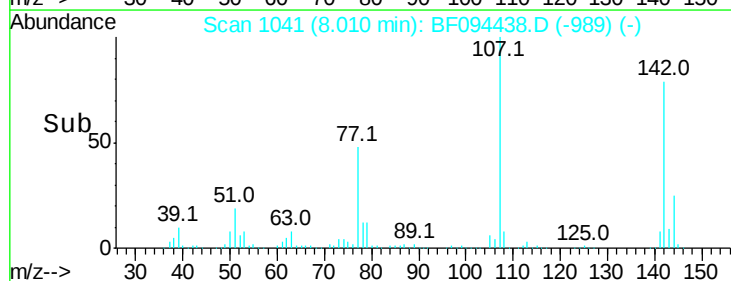
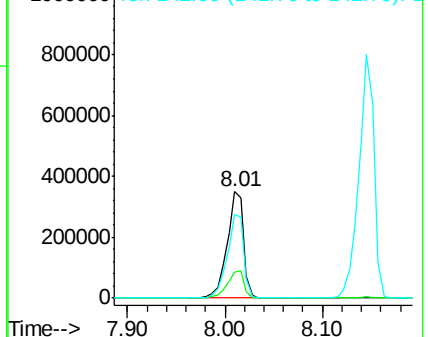
142 78.9 73.4 110.0

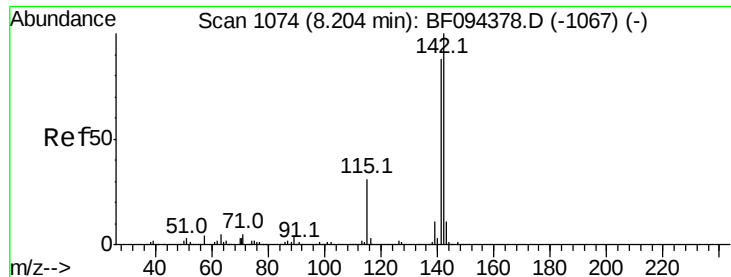


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.62 ng

RT: 8.15 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

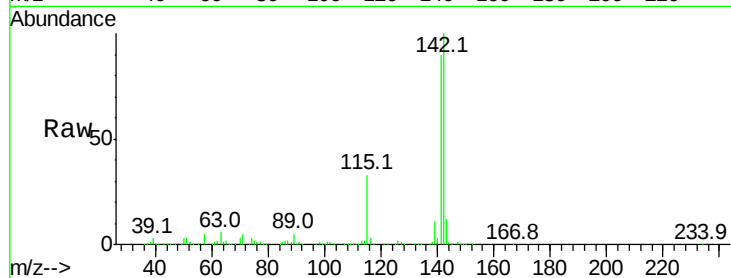
Tot Ion:142 Resp: 862293

Ion Ratio Lower Upper

142 100

141 90.3 71.3 106.9

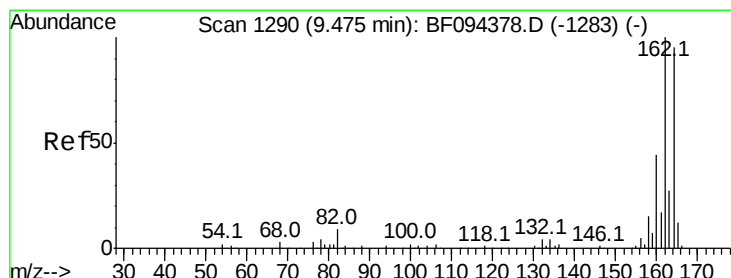
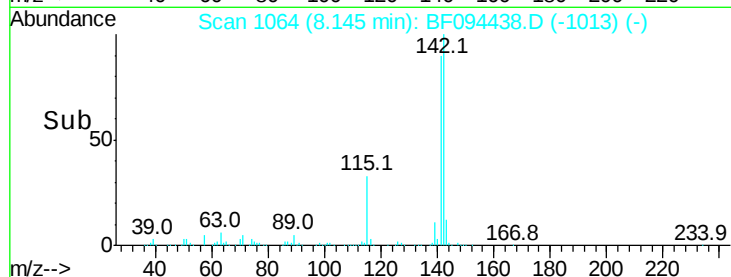
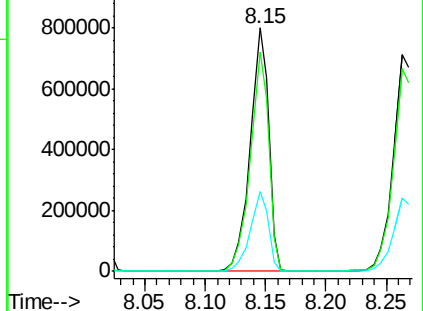
115 32.6 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.42 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

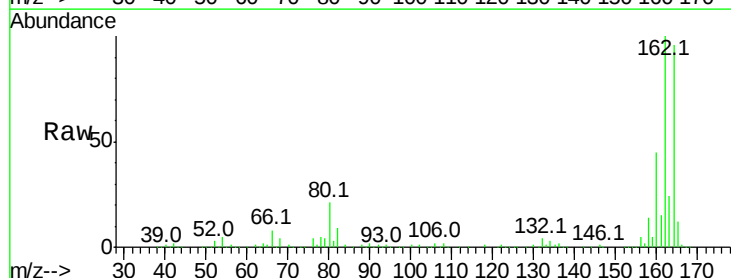
Tgt Ion:164 Resp: 269911

Ion Ratio Lower Upper

164 100

162 104.6 82.6 123.8

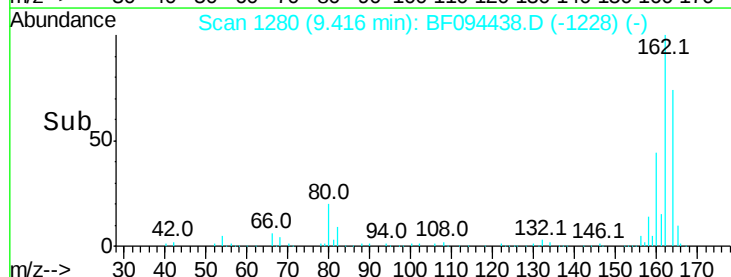
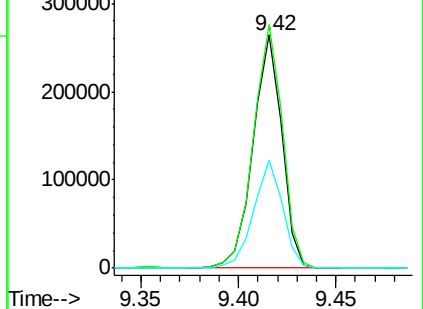
160 46.6 36.2 54.2

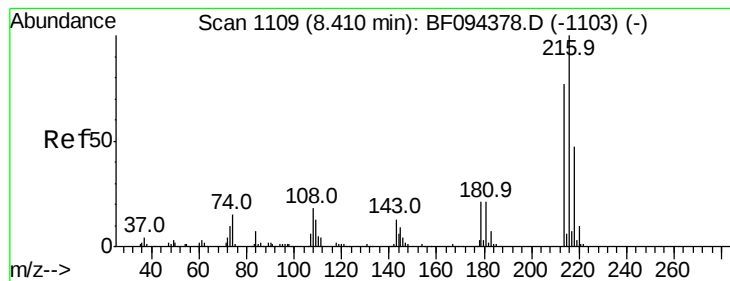


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.82 ng

RT: 8.36 min Scan# 1100

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 330924

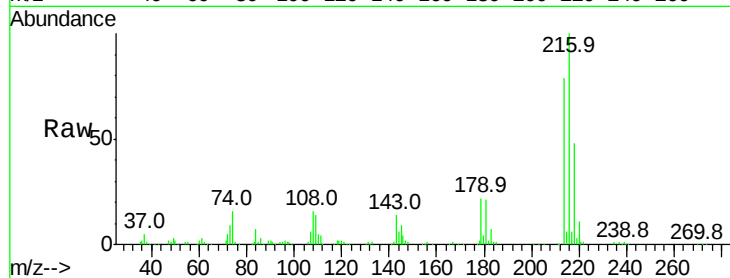
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 21.9 17.9 26.9

108 20.7 16.5 24.7

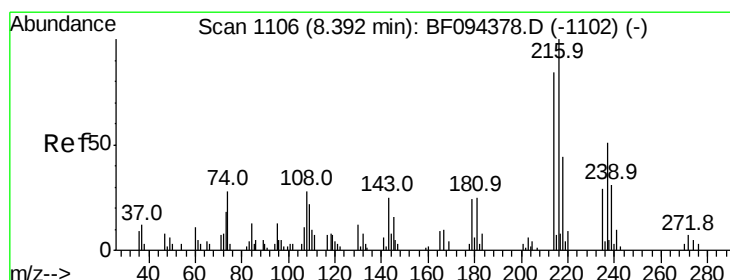
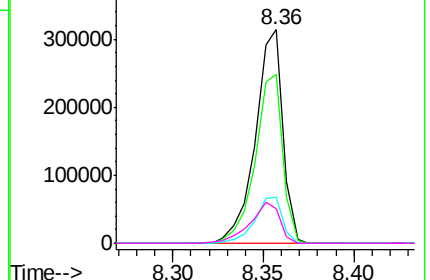
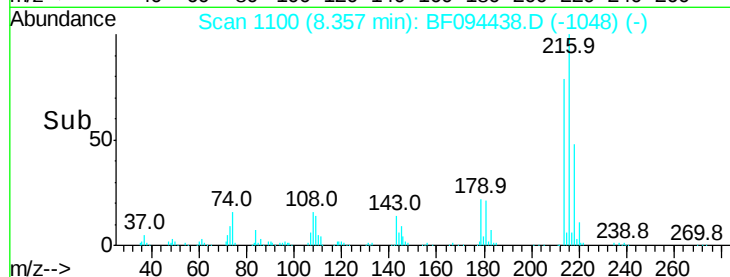


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 71.97 ng

RT: 8.34 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

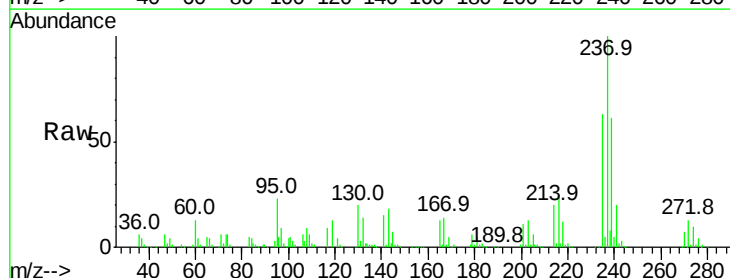
Tgt Ion:237 Resp: 248678

Ion Ratio Lower Upper

237 100

235 62.8 42.6 82.6

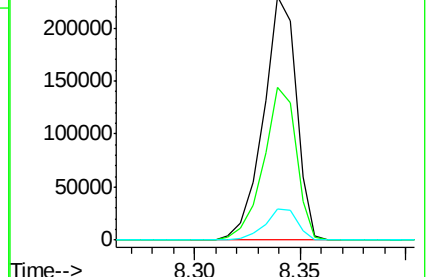
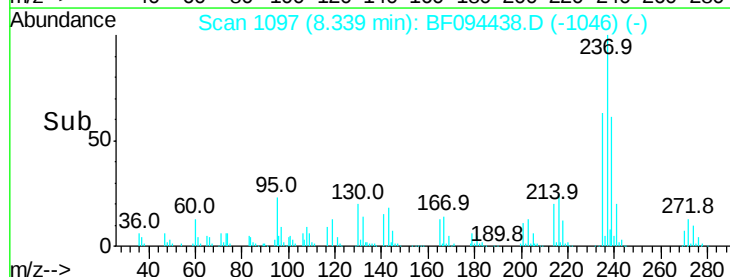
272 13.0 0.0 31.9

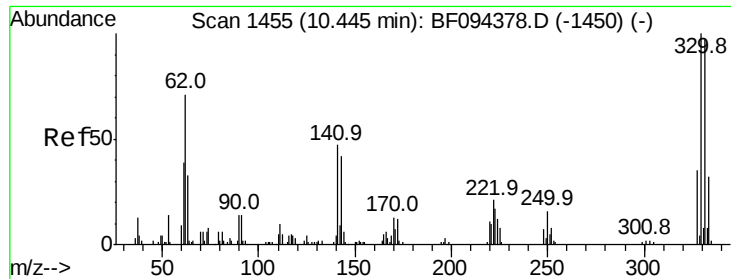


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

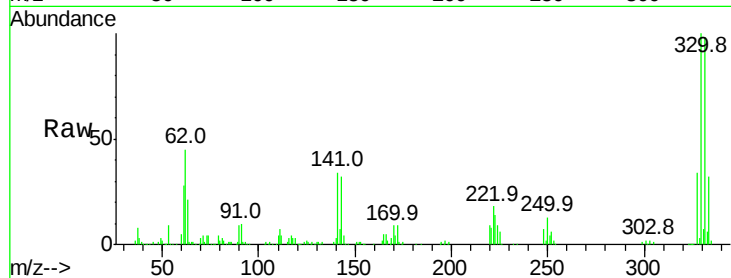




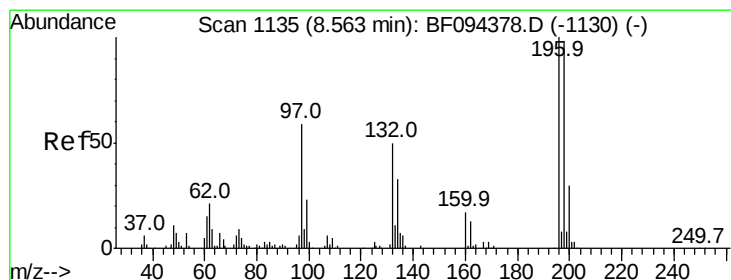
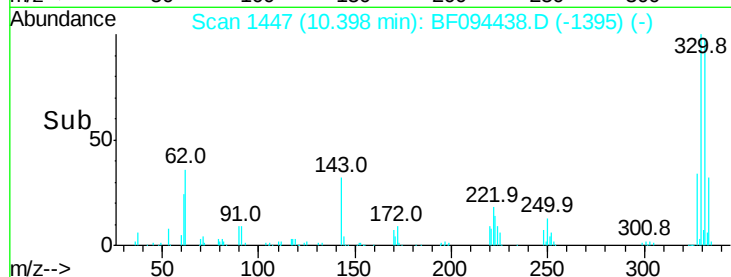
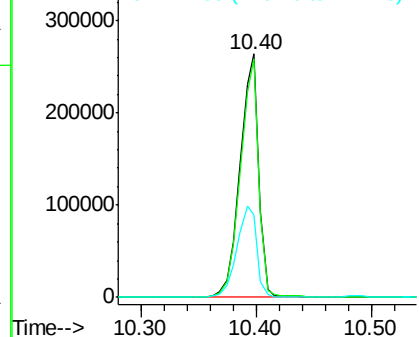
#41
 2,4,6-Tribromophenol
 Concen: 138.62 ng
 RT: 10.40 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 295670
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 39.7 31.4 47.2

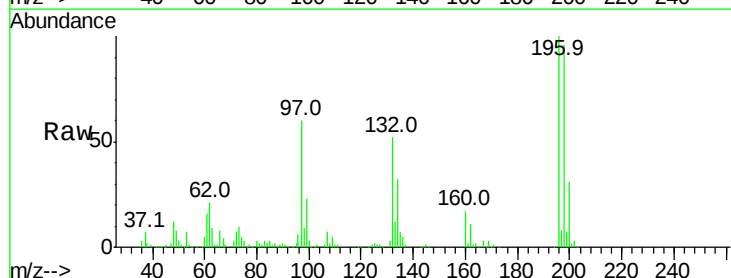


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

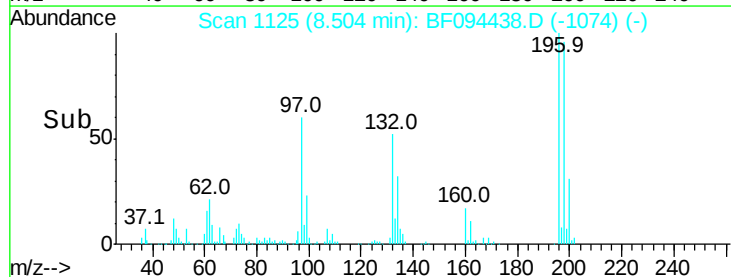
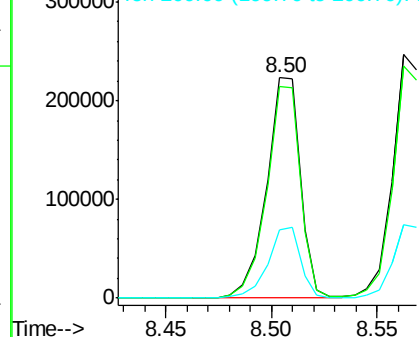


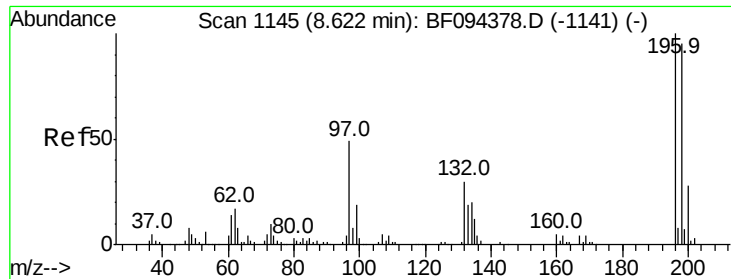
#42
 2,4,6-Trichlorophenol
 Concen: 47.79 ng
 RT: 8.50 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion:196 Resp: 249677
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.2 111.4
 200 30.8 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

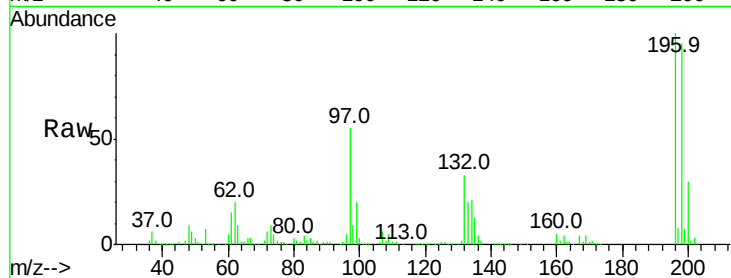




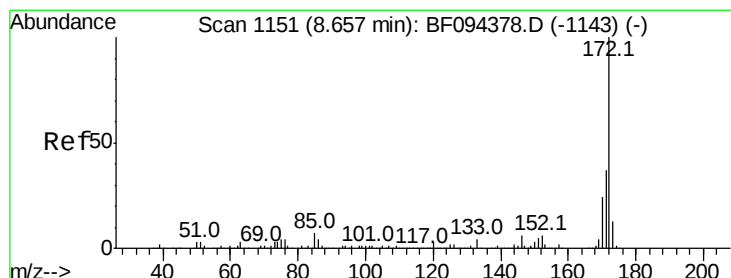
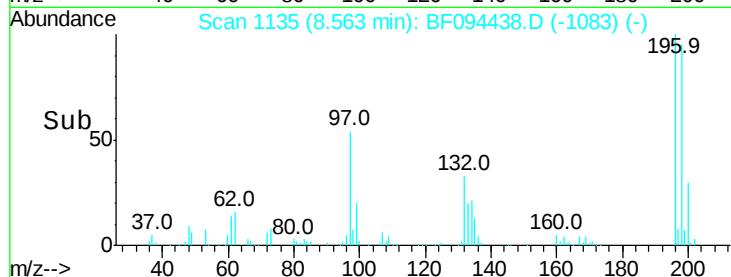
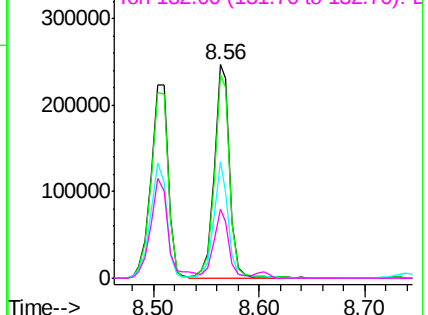
#43
 2,4,5-Trichlorophenol
 Concen: 45.27 ng
 RT: 8.56 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	255907
Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
97	54.5	47.7	71.5
132	32.6	28.0	42.0

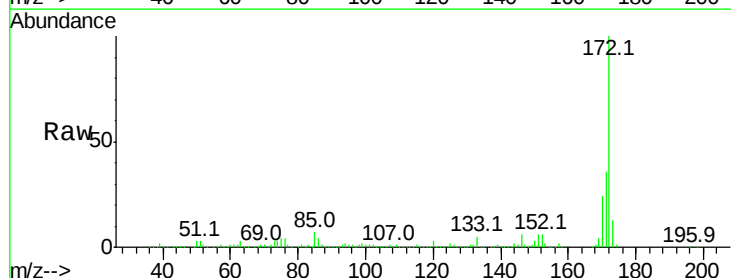


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

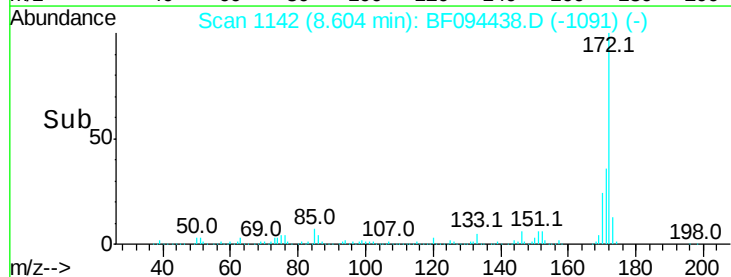
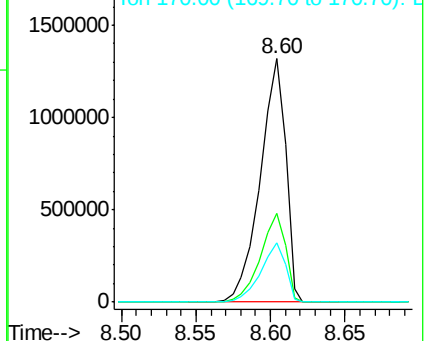


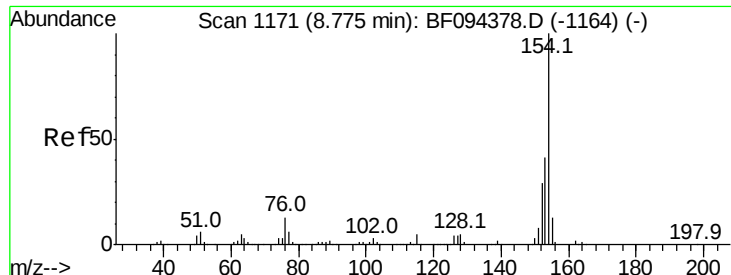
#44
 2-Fluorobiphenyl
 Concen: 87.21 ng
 RT: 8.60 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion:	172	Resp:	1543187
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.2	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.36 ng

RT: 8.72 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampled :

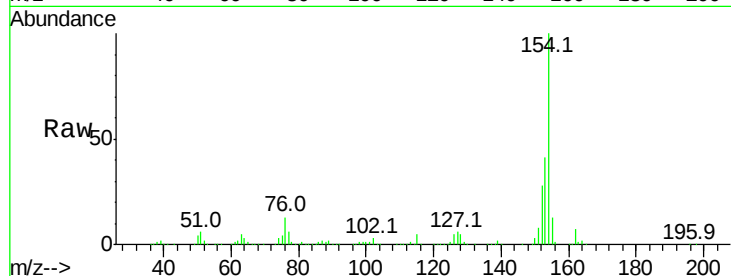
Tot Ion:154 Resp: 965840

Ion Ratio Lower Upper

154 100

153 41.0 21.2 61.2

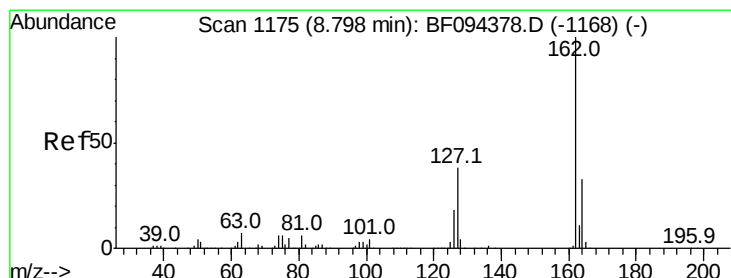
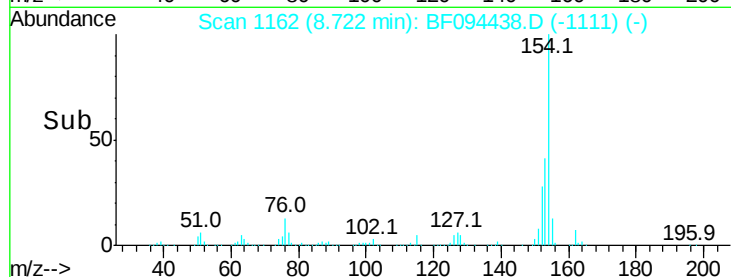
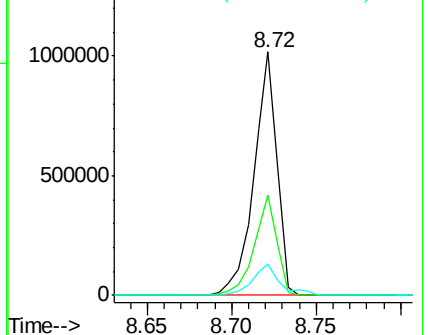
76 13.0 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.39 ng

RT: 8.74 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

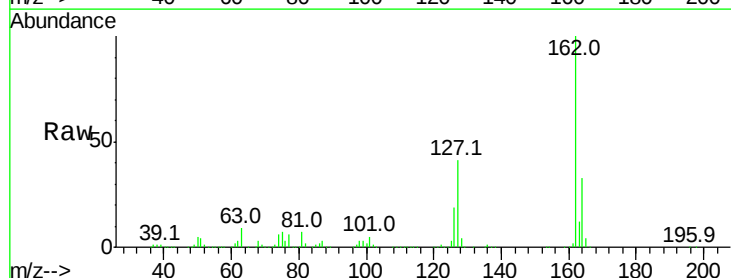
Tgt Ion:162 Resp: 773465

Ion Ratio Lower Upper

162 100

127 41.2 28.3 42.5

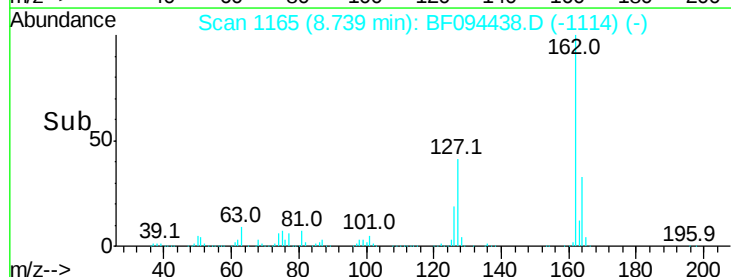
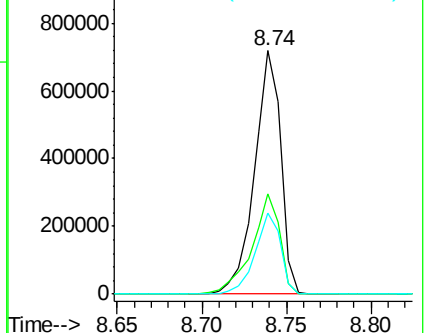
164 33.3 27.0 40.4

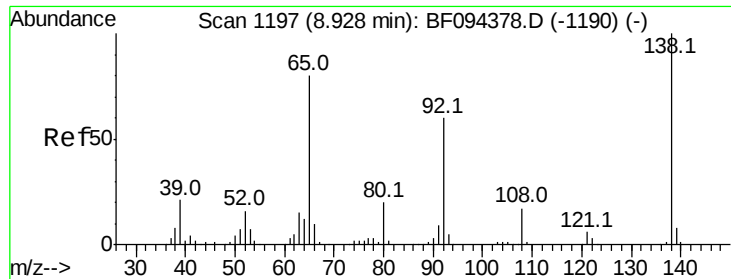


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

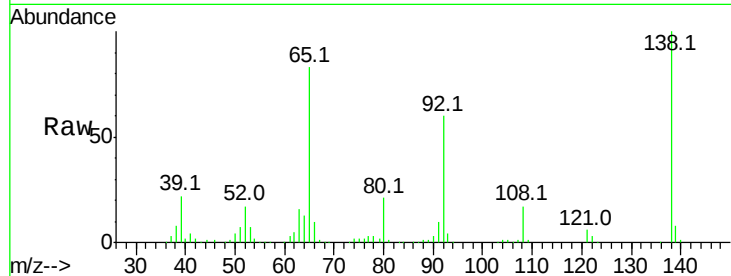




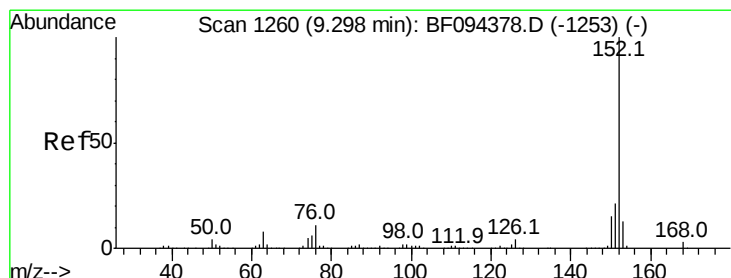
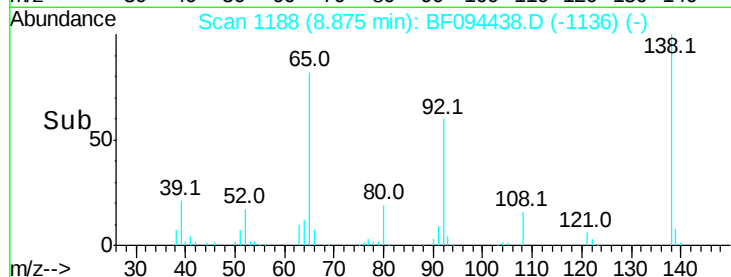
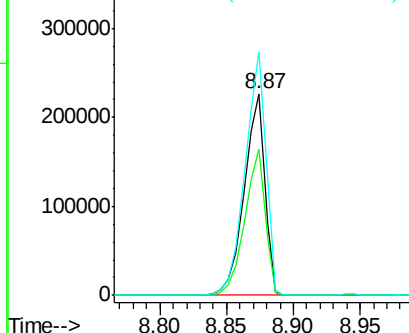
#47
 2-Nitroaniline
 Concen: 47.71 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 241180
 Ion Ratio Lower Upper
 65 100
 92 72.6 53.9 80.9
 138 120.6 78.8 118.2#

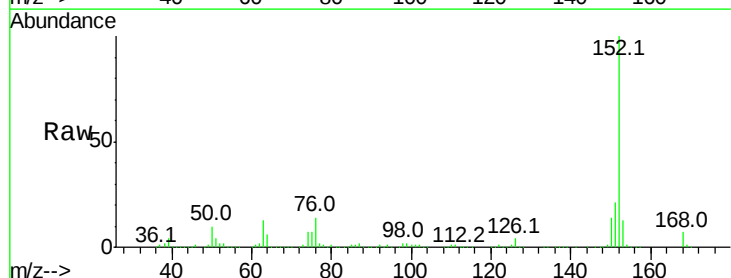


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

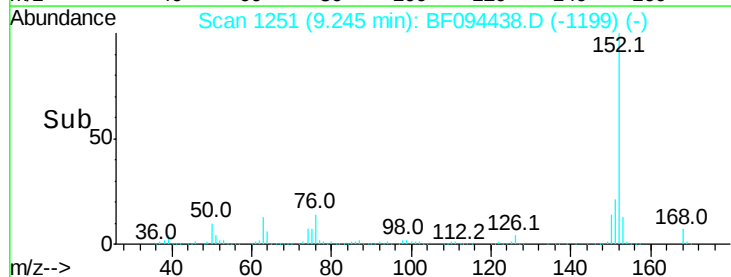
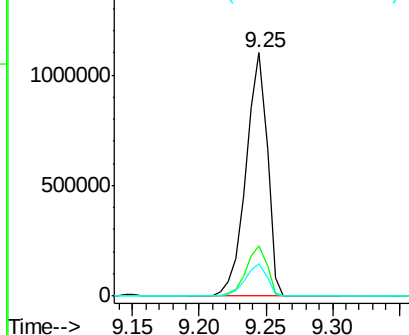


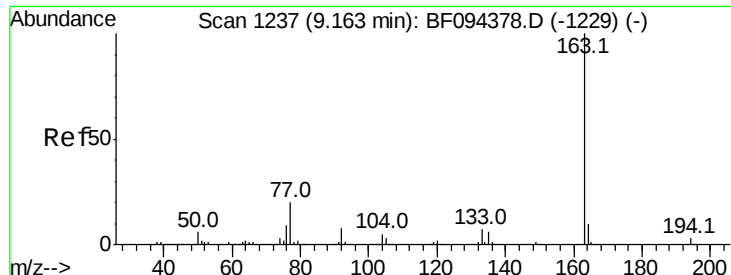
#48
 Acenaphthylene
 Concen: 42.54 ng
 RT: 9.25 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion:152 Resp: 1204970
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2
 153 13.2 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

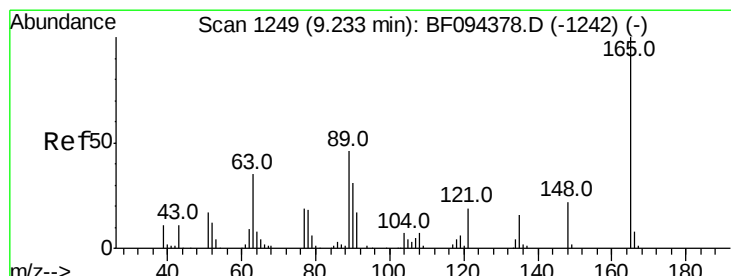
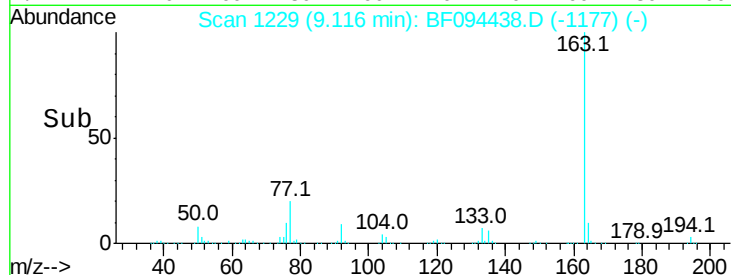
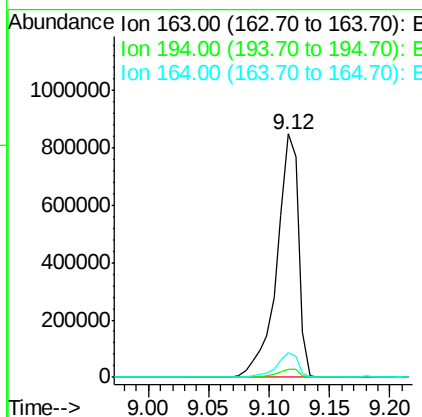
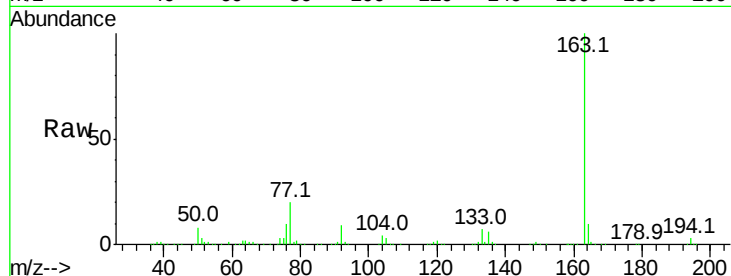




#49
Dimethylphthalate
Concen: 54.41 ng
RT: 9.12 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

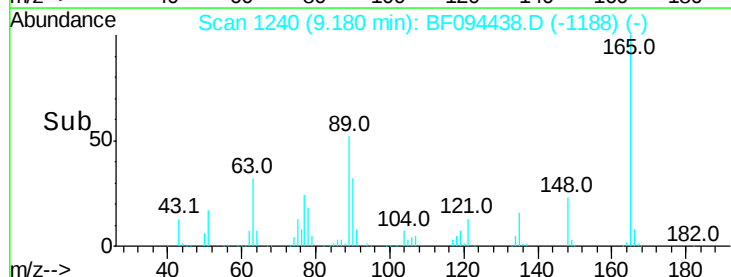
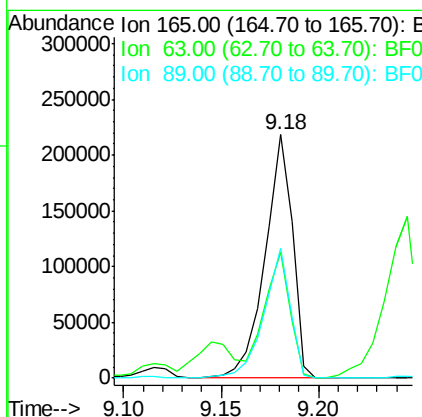
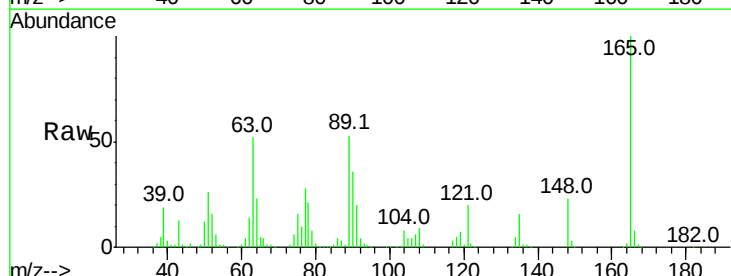
Instrument :
BNA_F
ClientSampled :

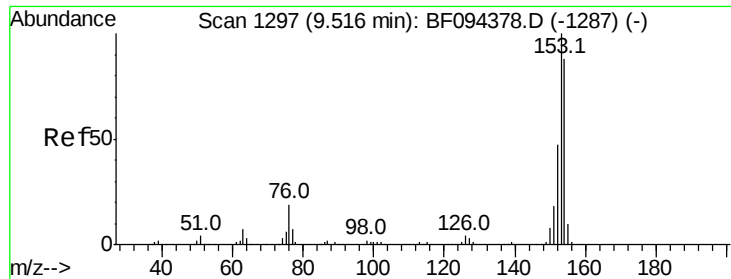
Tot Ion:163 Resp: 1043896
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.2 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 48.43 ng
RT: 9.18 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:165 Resp: 212988
Ion Ratio Lower Upper
165 100
63 51.7 34.3 51.5#
89 53.1 37.1 55.7





#51

Acenaphthene

Concen: 43.92 ng

RT: 9.46 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

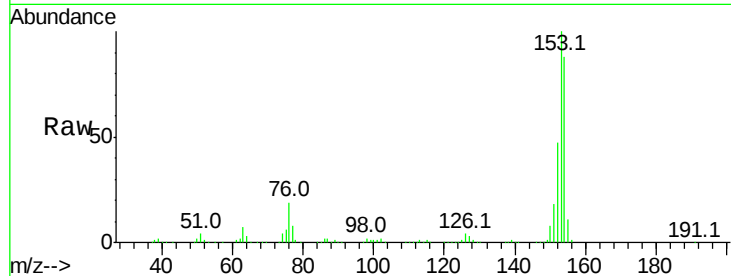
Tot Ion:154 Resp: 725923

Ion Ratio Lower Upper

154 100

153 114.0 90.5 135.7

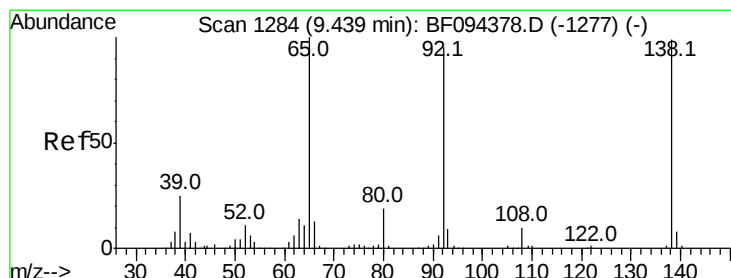
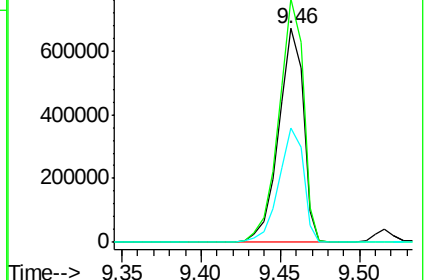
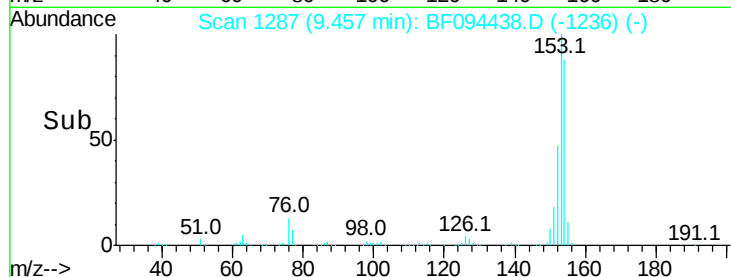
152 53.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.08 ng

RT: 9.38 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

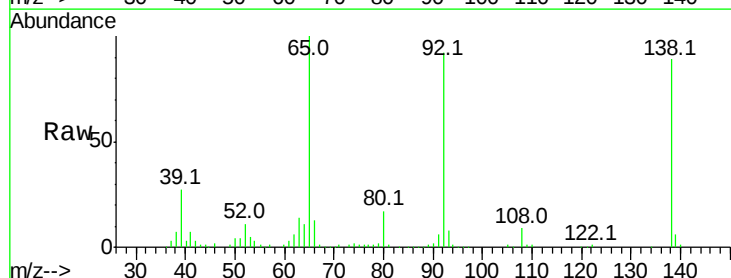
Tgt Ion:138 Resp: 145042

Ion Ratio Lower Upper

138 100

108 9.9 9.1 13.7

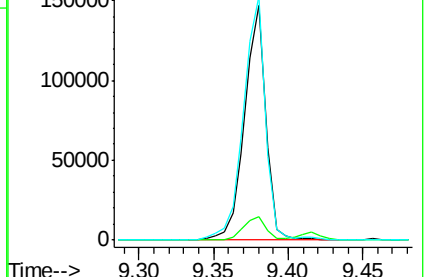
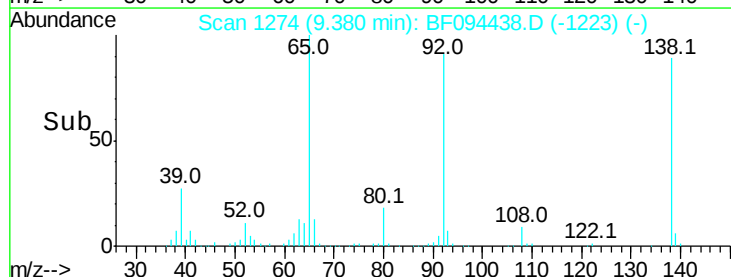
92 103.5 93.8 140.6

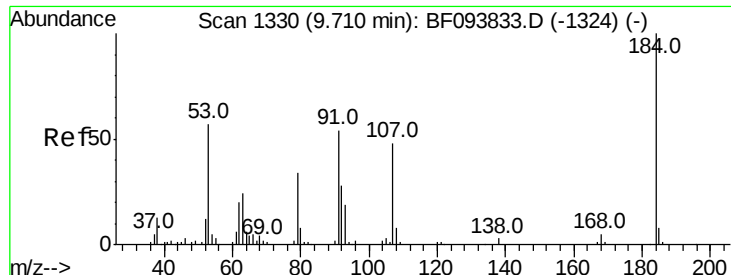


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

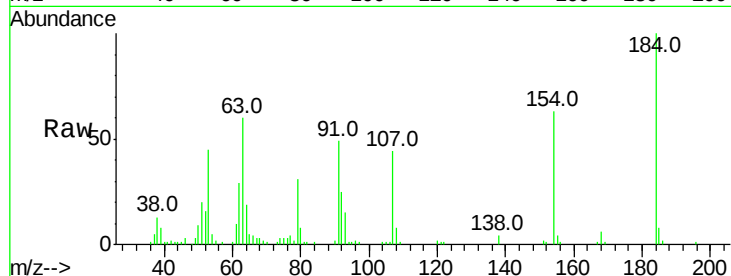




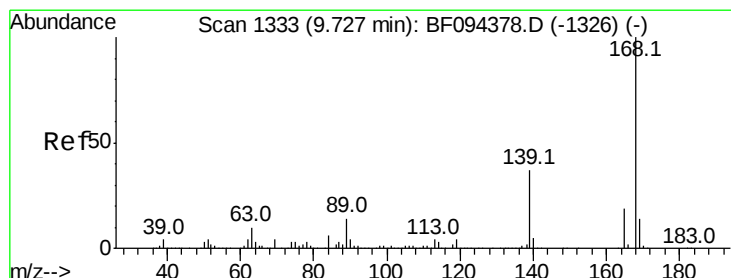
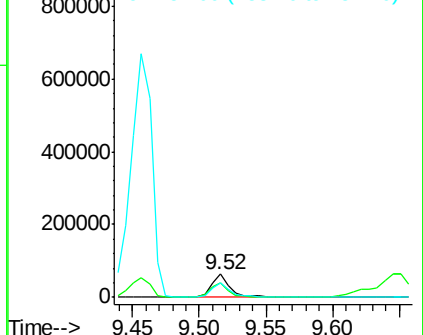
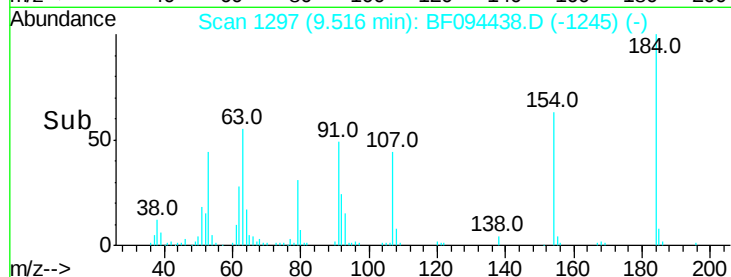
#53
2,4-Dinitrophenol
Concen: 30.88 ng
RT: 9.52 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 65530
Ion Ratio Lower Upper
184 100
63 60.0 62.7 94.1#
154 62.5 81.1 121.7#

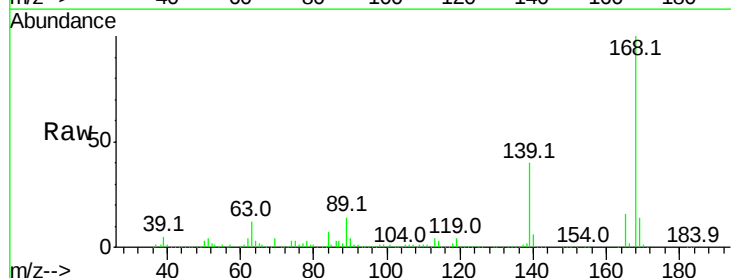


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

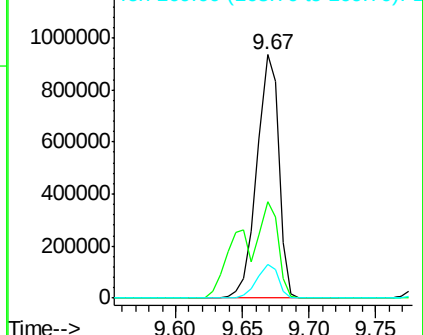
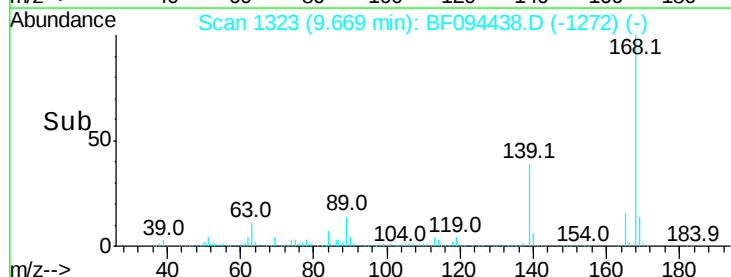


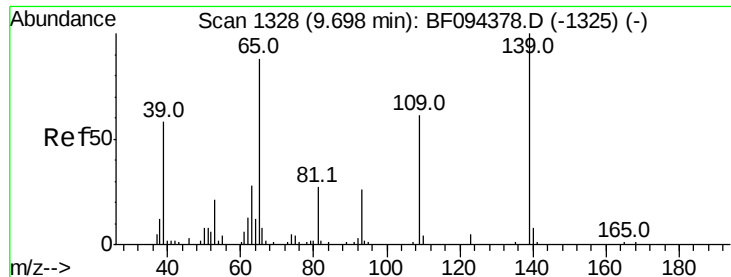
#54
Dibenzofuran
Concen: 46.73 ng
RT: 9.67 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:168 Resp: 1051369
Ion Ratio Lower Upper
168 100
139 39.6 30.6 45.8
169 13.7 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

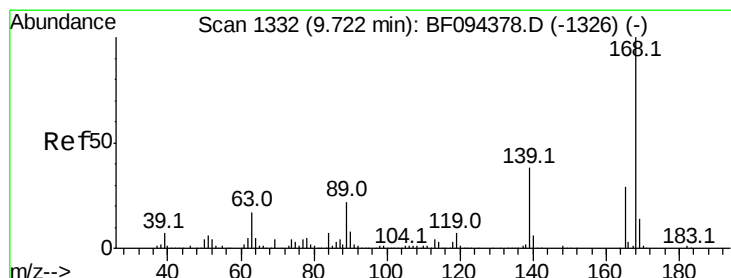
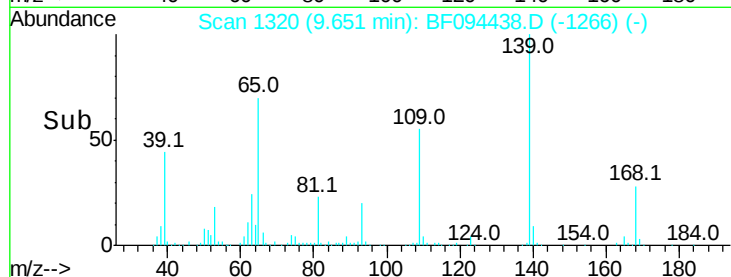
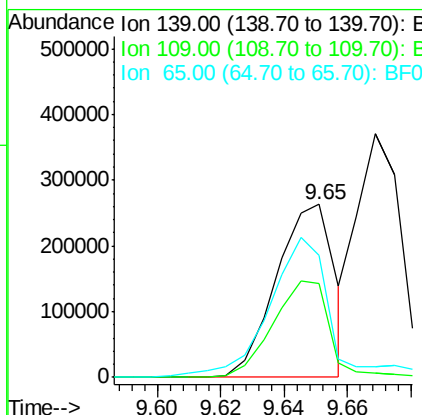
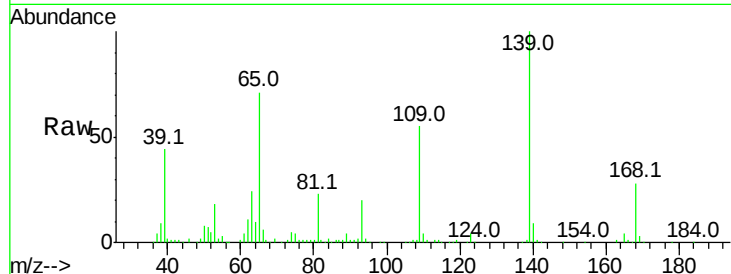




#55
4-Nitrophenol
Concen: 83.23 ng
RT: 9.65 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

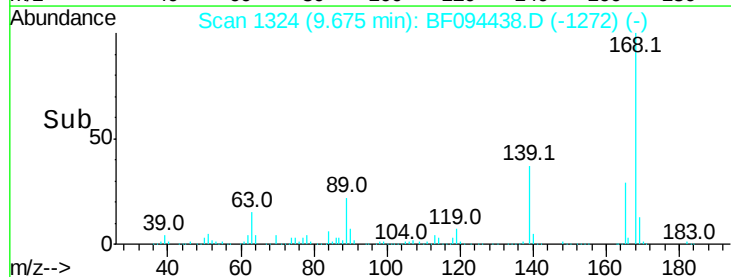
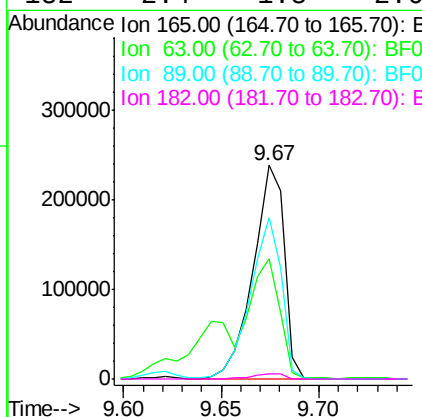
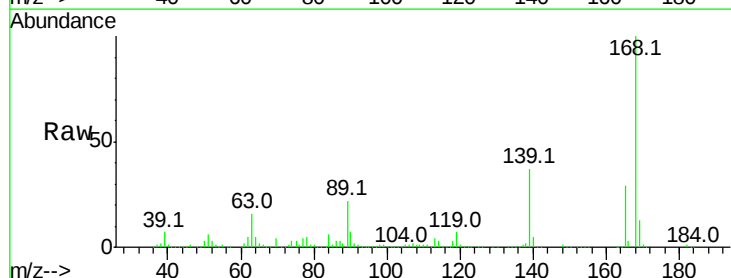
Instrument :
BNA_F
ClientSampled :

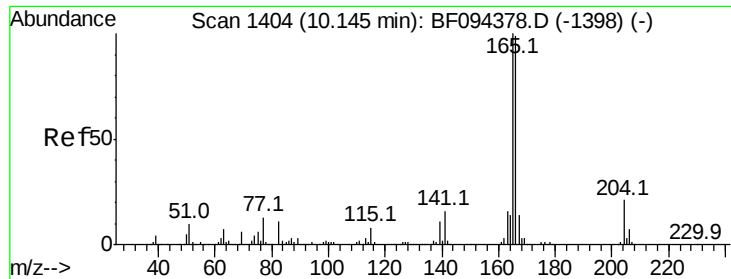
Tot Ion:139 Resp: 336637
Ion Ratio Lower Upper
139 100
109 54.6 34.1 74.1
65 70.6 31.4 71.4



#56
2,4-Dinitrotoluene
Concen: 47.75 ng
RT: 9.67 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:165 Resp: 263803
Ion Ratio Lower Upper
165 100
63 56.3 25.4 38.0#
89 75.8 46.4 69.6#
182 2.4 1.8 2.6

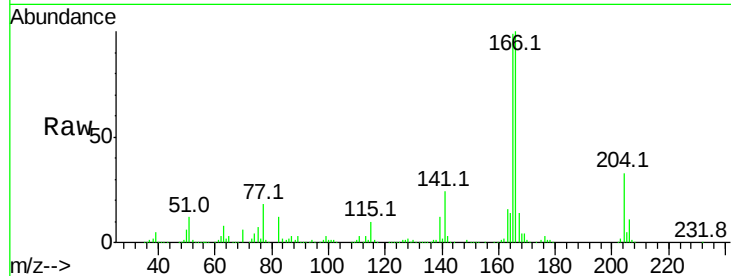




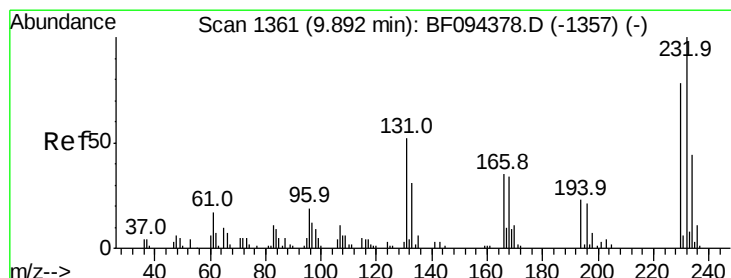
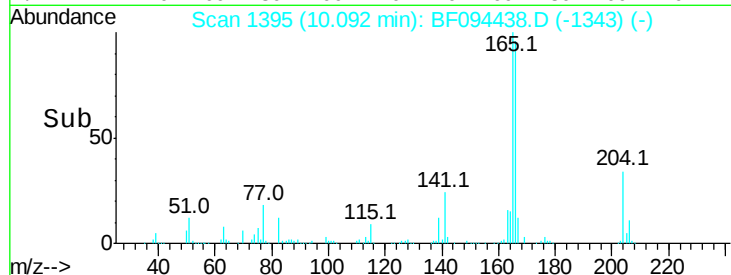
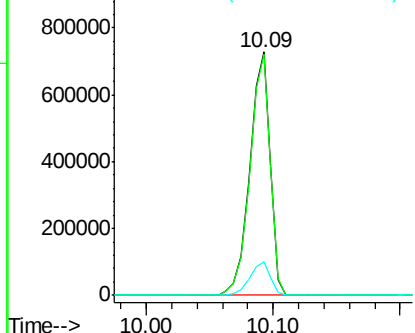
#57
 Fluorene
 Concen: 43.54 ng
 RT: 10.09 min Scan# 1395
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 812373
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.8 118.2
 167 13.6 10.6 16.0

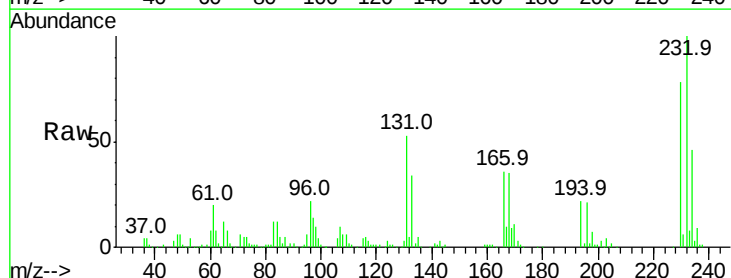


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

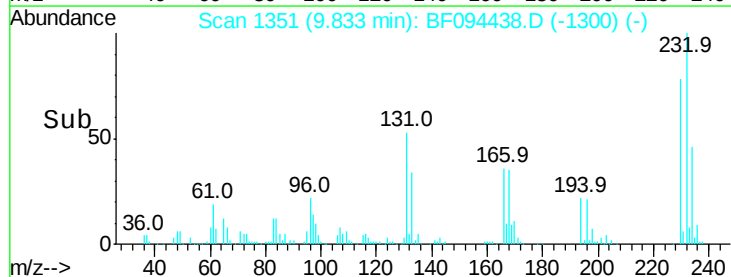
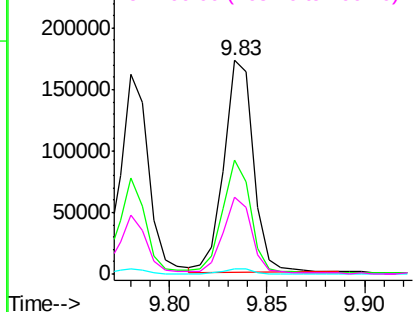


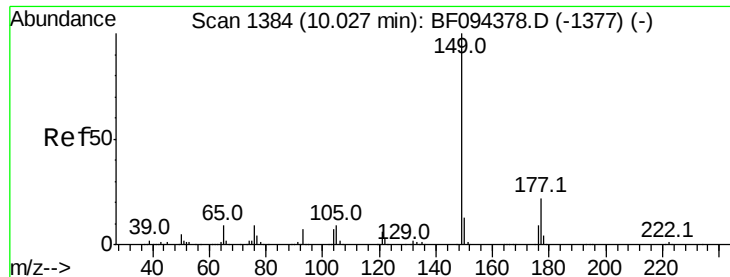
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.06 ng
 RT: 9.83 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion:232 Resp: 182508
 Ion Ratio Lower Upper
 232 100
 131 51.8 44.8 67.2
 130 2.5 2.3 3.5
 166 35.6 29.0 43.4



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

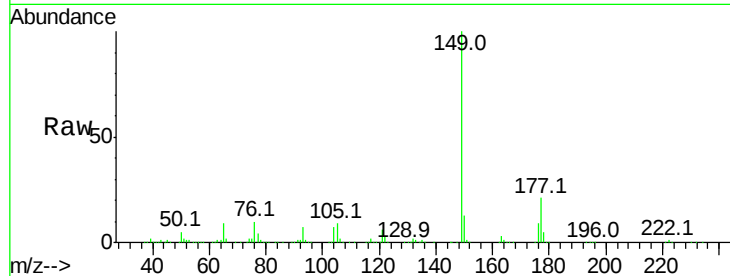




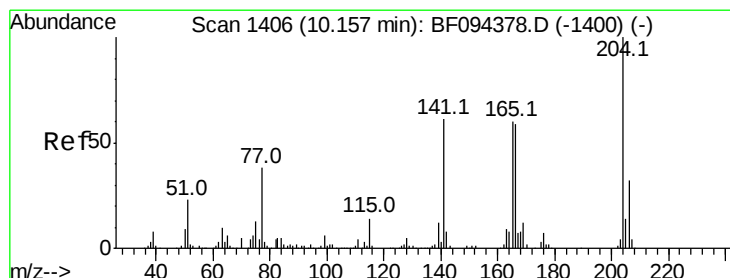
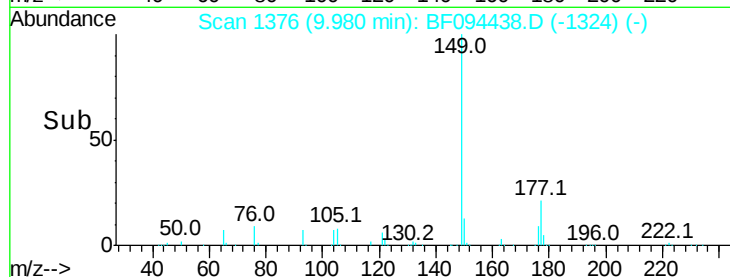
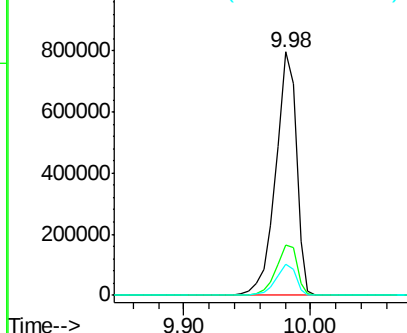
#59
Diethylphthalate
Concen: 47.35 ng
RT: 9.98 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 897963
Ion Ratio Lower Upper
149 100
177 20.6 16.7 25.1
150 12.6 10.2 15.2

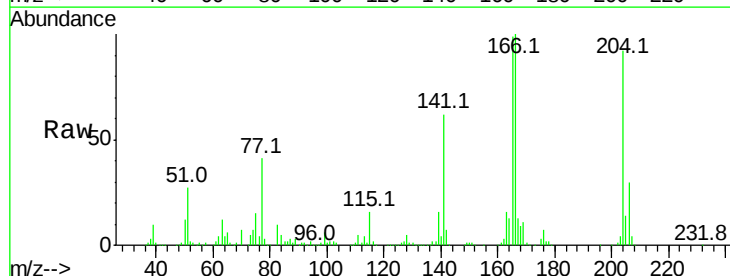


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

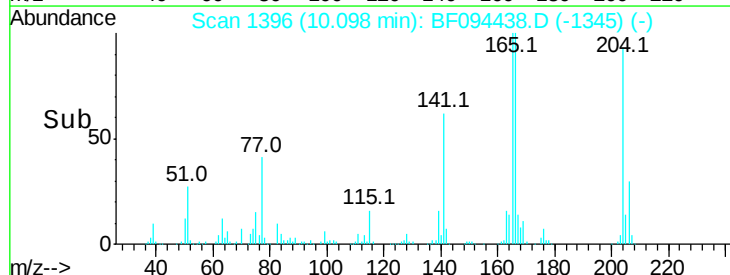
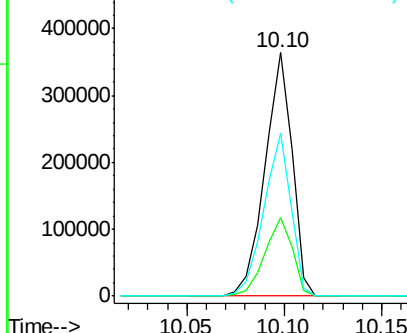


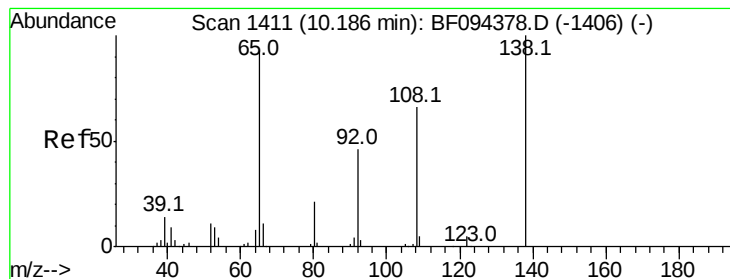
#60
4-Chlorophenyl-phenylether
Concen: 44.24 ng
RT: 10.10 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:204 Resp: 351623
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 67.0 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.14 ng

RT: 10.15 min Scan# 1404

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampled :

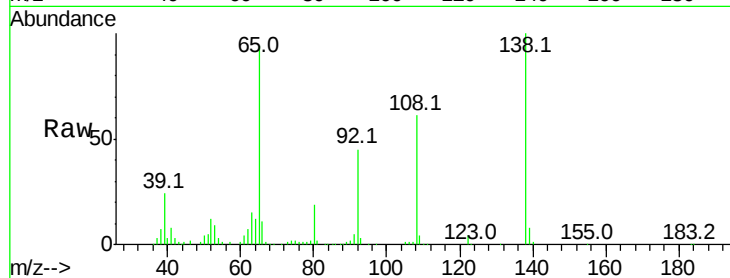
Tot Ion:138 Resp: 223720

Ion Ratio Lower Upper

138 100

92 45.4 21.8 61.8

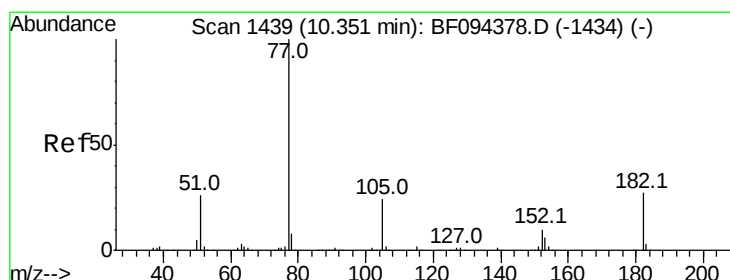
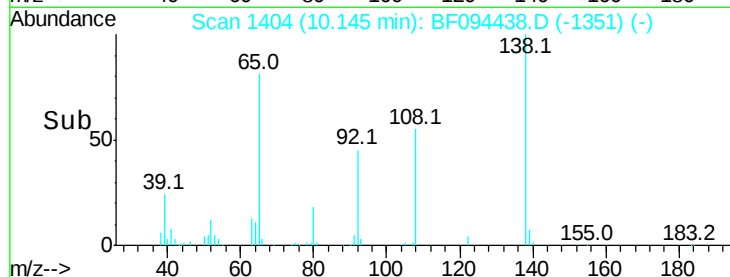
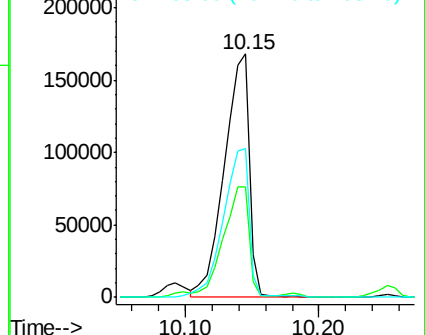
108 61.1 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.81 ng

RT: 10.29 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Tgt Ion: 77 Resp: 857565

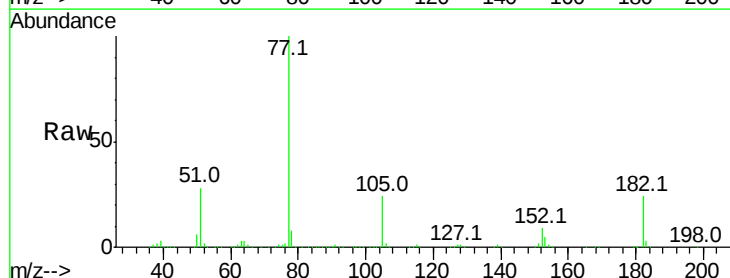
Ion Ratio Lower Upper

77 100

182 24.3 0.1 40.1

105 23.9 3.6 43.6

51 28.1 9.4 49.4

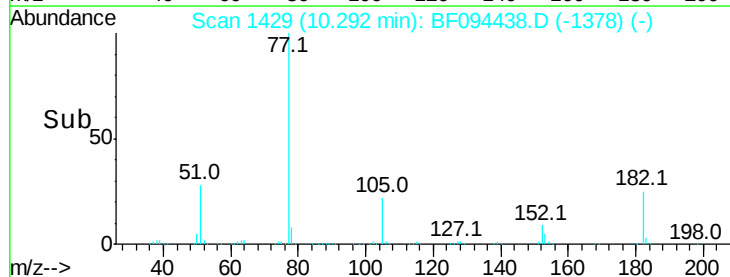
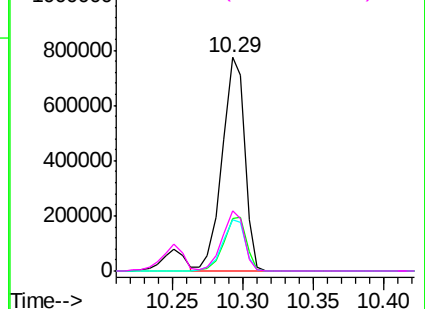


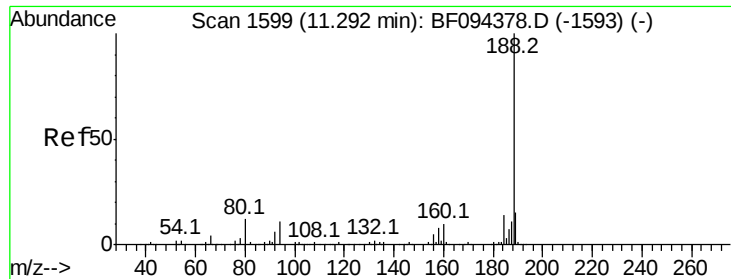
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

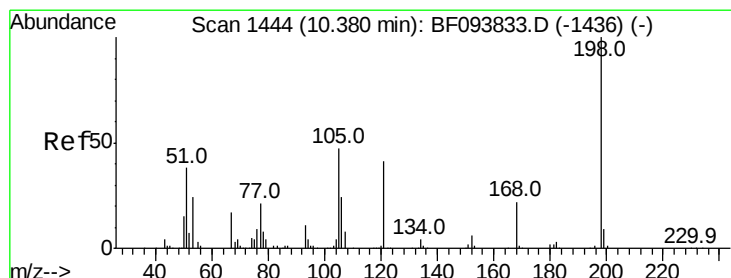
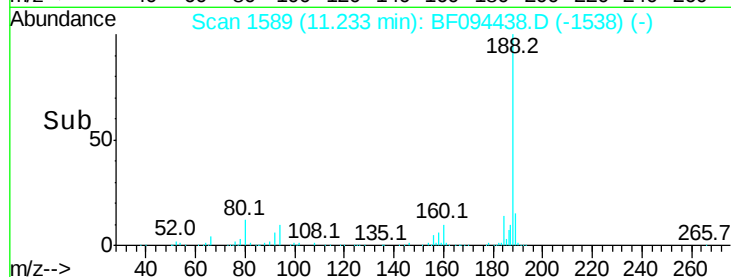
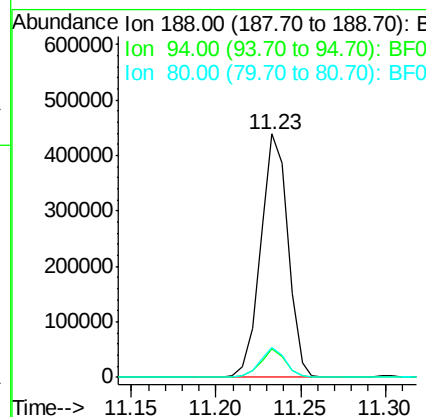
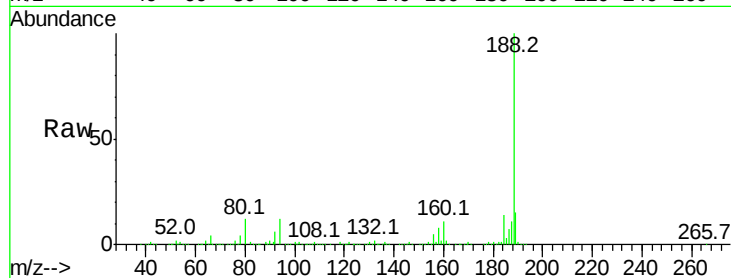




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

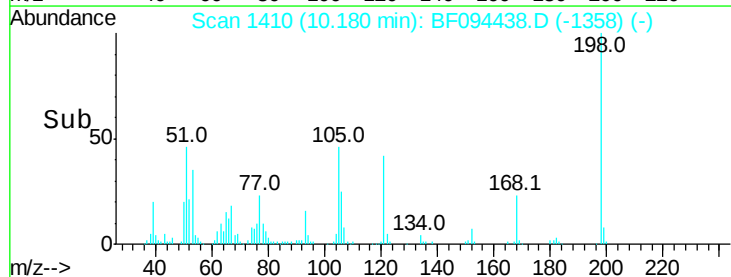
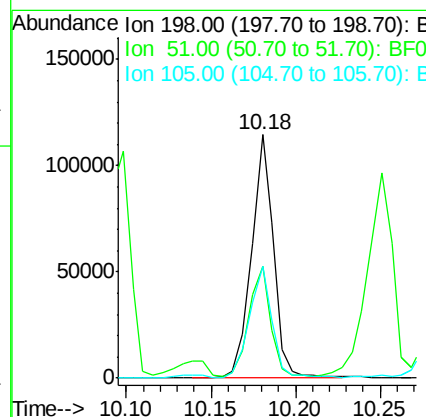
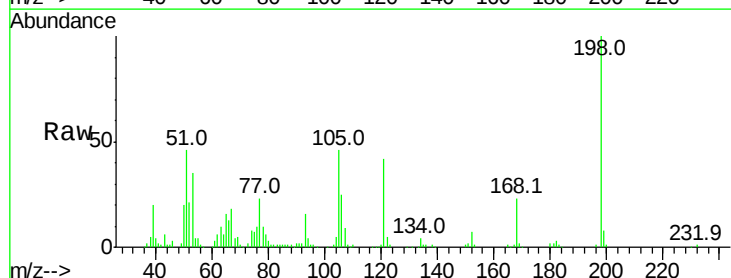
Instrument :
BNA_F
ClientSampleId :

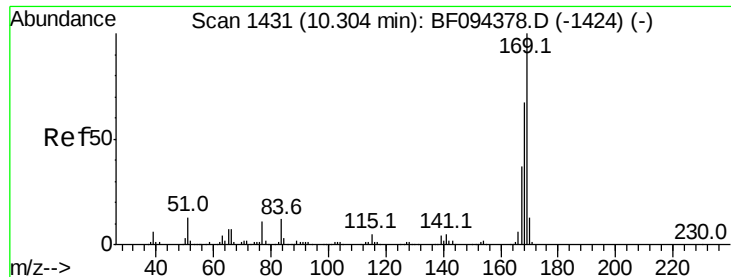
Tot Ion:188 Resp: 494024
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 12.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 34.79 ng
RT: 10.18 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:198 Resp: 105265
Ion Ratio Lower Upper
198 100
51 46.1 53.2 93.2#
105 46.2 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 45.05 ng

RT: 10.25 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

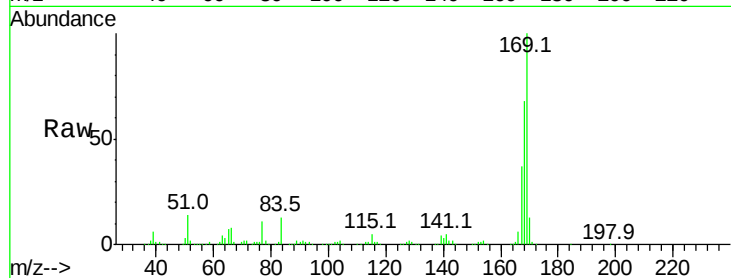
Tot Ion:169 Resp: 769723

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

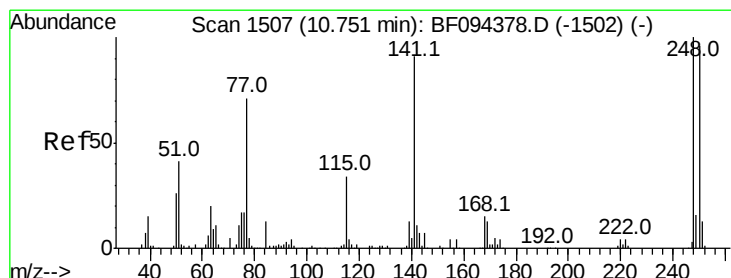
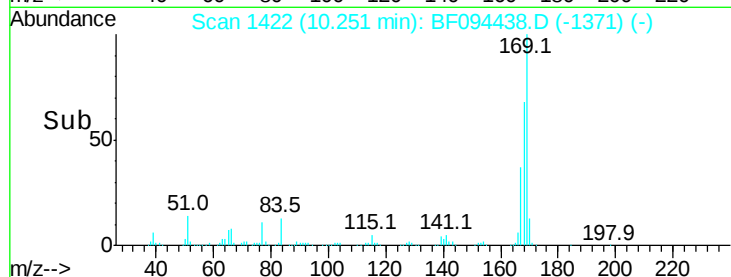
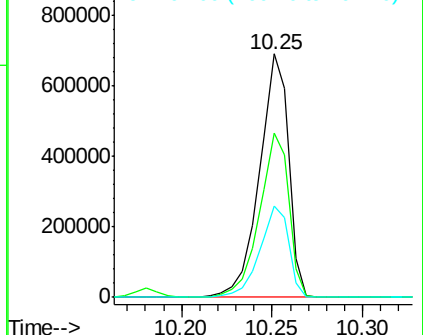
167 37.4 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.02 ng

RT: 10.70 min Scan# 1498

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

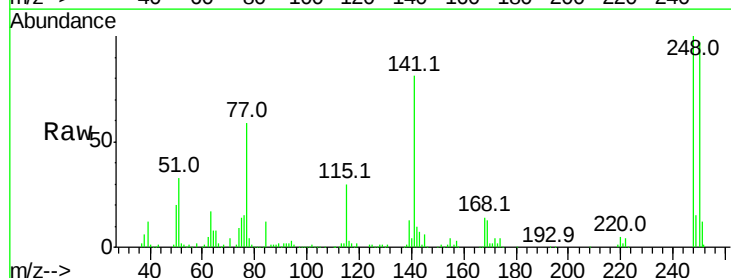
Tgt Ion:248 Resp: 223577

Ion Ratio Lower Upper

248 100

250 97.4 76.8 115.2

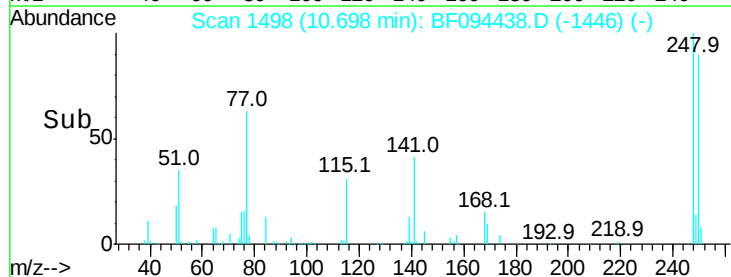
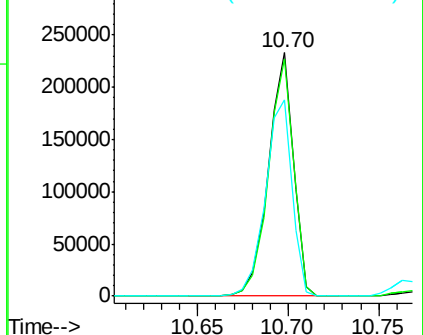
141 80.6 68.6 103.0

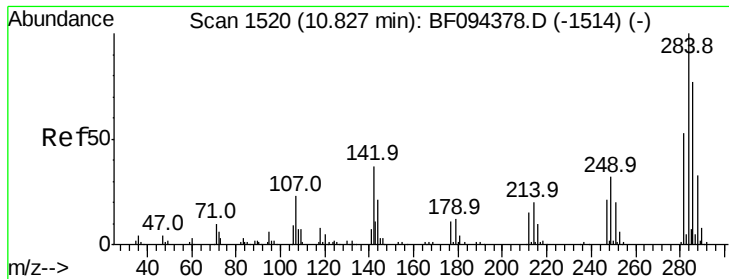


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.93 ng

RT: 10.77 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampled :

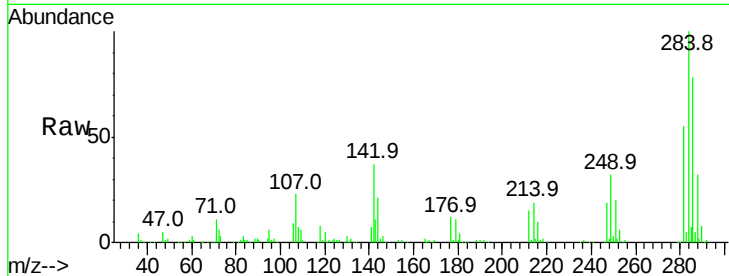
Tot Ion:284 Resp: 220990

Ion Ratio Lower Upper

284 100

142 37.0 22.8 34.2#

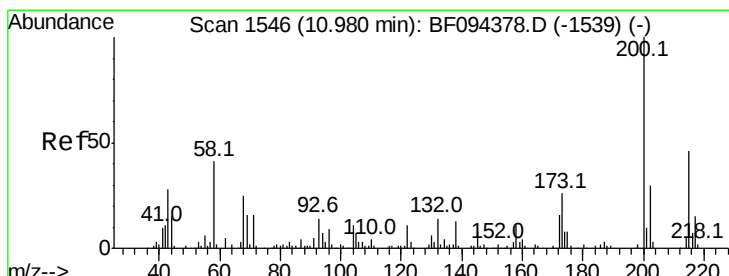
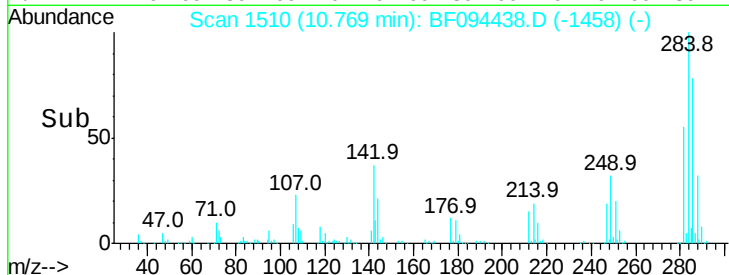
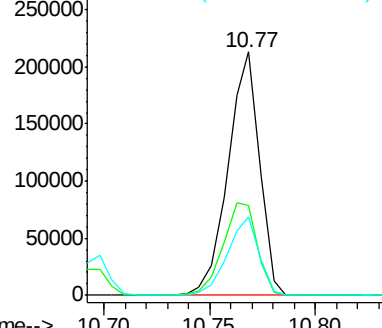
249 32.0 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.79 ng

RT: 10.93 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

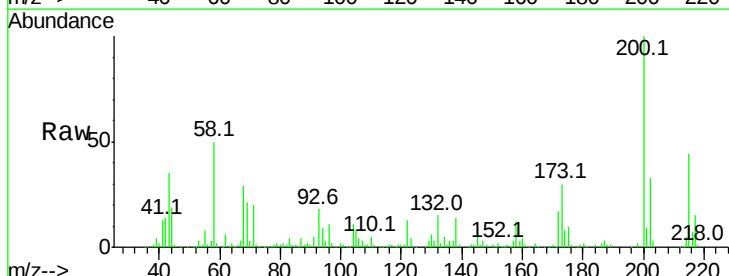
Tgt Ion:200 Resp: 234307

Ion Ratio Lower Upper

200 100

173 29.8 6.3 46.3

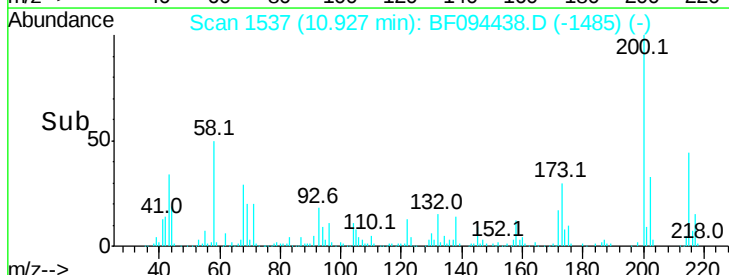
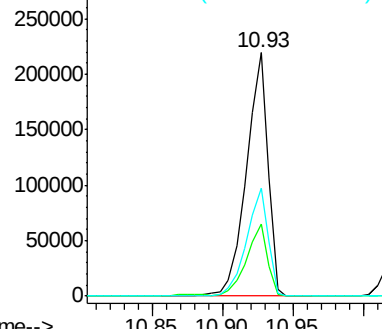
215 44.5 27.2 67.2

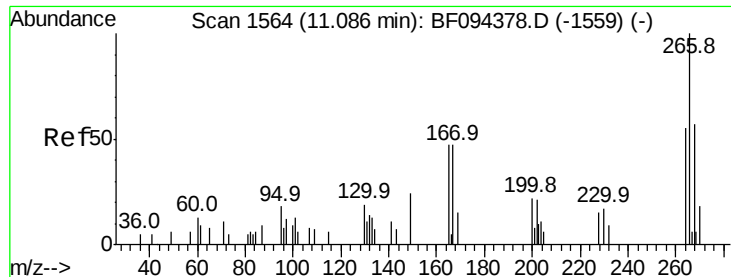


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

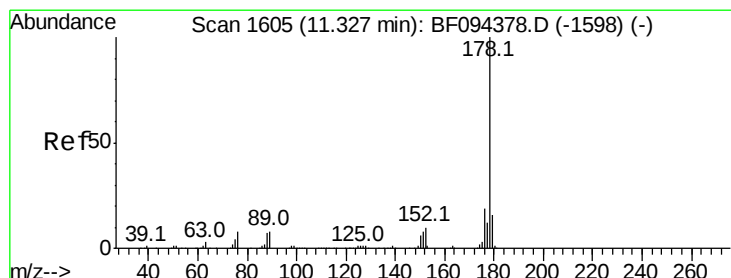
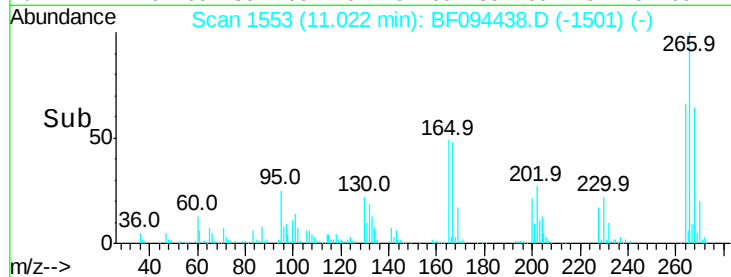
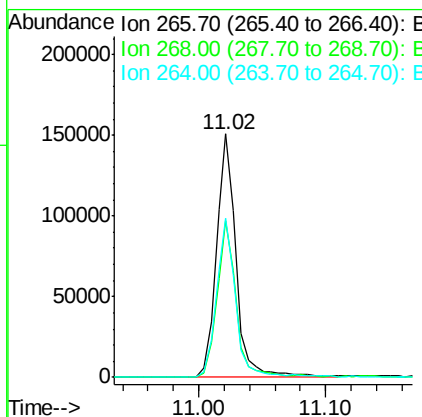
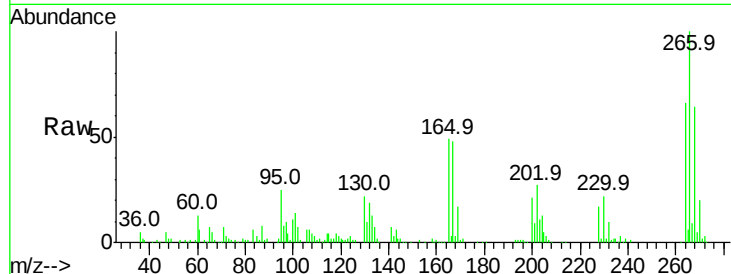




#69
 Pentachlorophenol
 Concen: 53.73 ng
 RT: 11.02 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

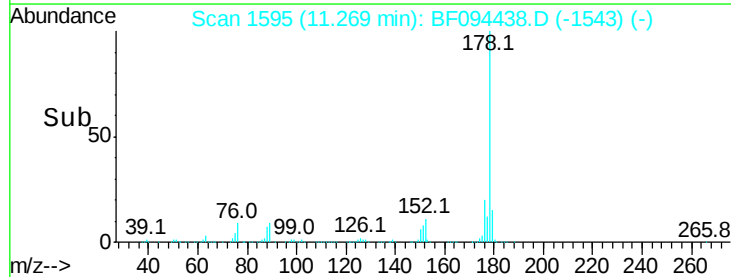
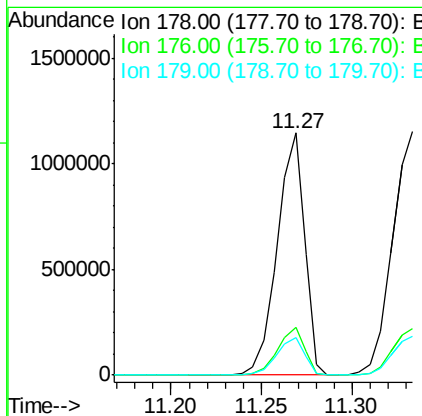
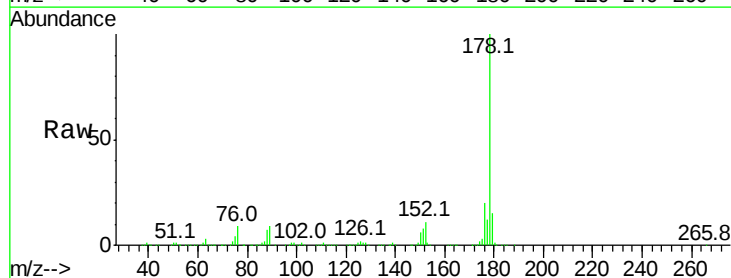
Instrument :
 BNA_F
 ClientSampleId :

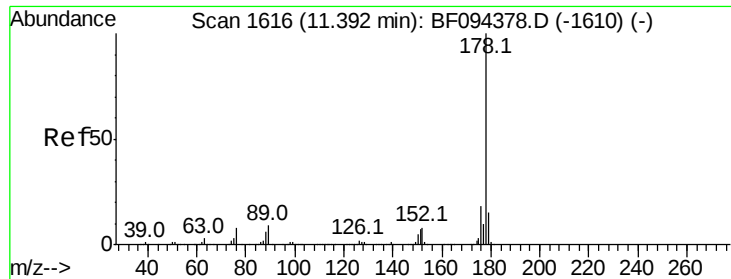
Tot Ion:266 Resp: 164487
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.1 76.7
 264 65.5 51.7 77.5



#70
 Phenanthrene
 Concen: 43.85 ng
 RT: 11.27 min Scan# 1595
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion:178 Resp: 1205146
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 15.3 12.6 19.0

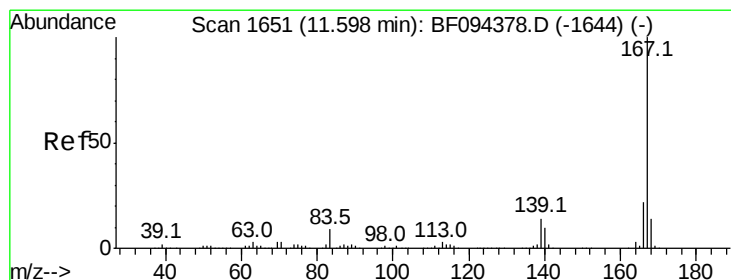
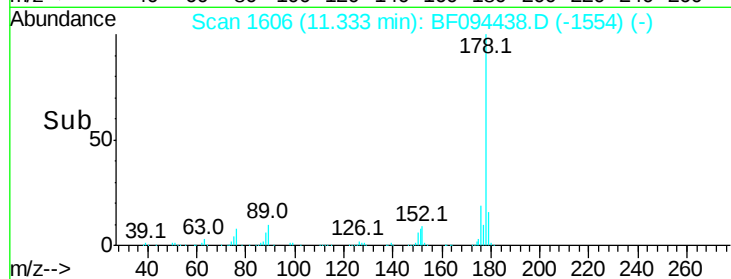
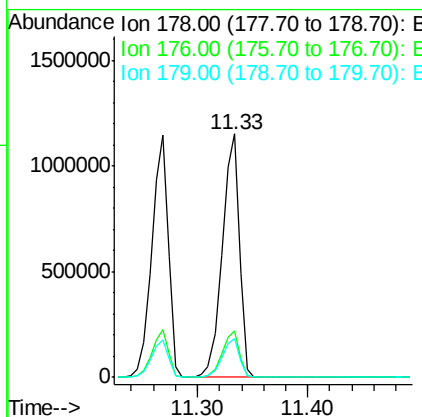
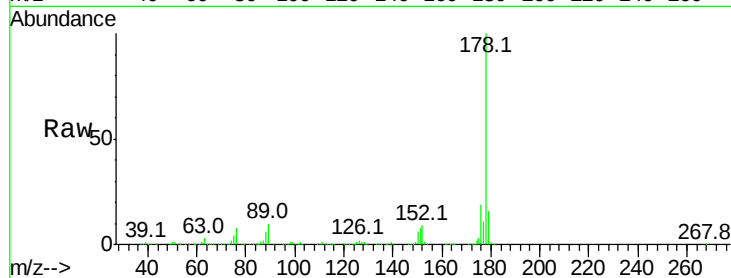




#71
 Anthracene
 Concen: 44.27 ng
 RT: 11.33 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

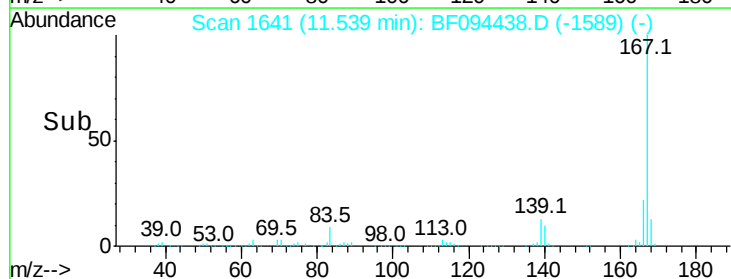
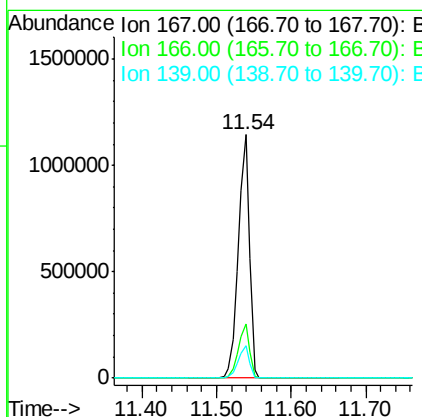
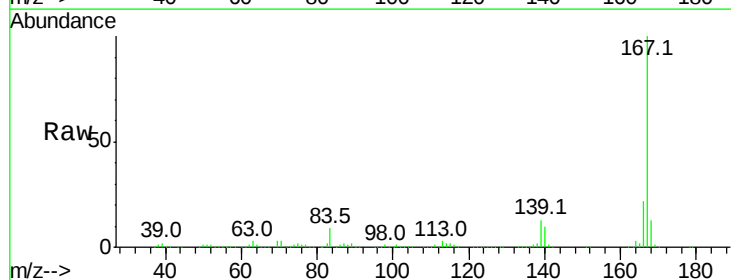
Instrument :
 BNA_F
 ClientSampleId :

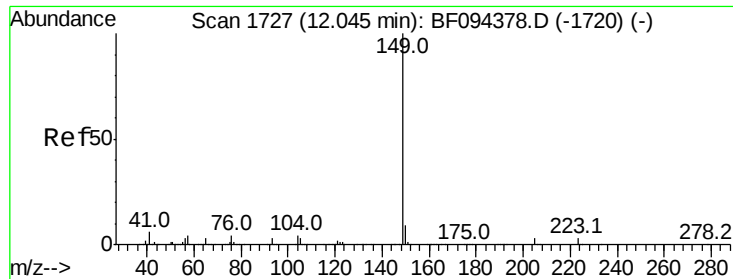
Tot Ion:178 Resp: 1252630
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 16.1 12.7 19.1



#72
 Carbazole
 Concen: 41.24 ng
 RT: 11.54 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion:167 Resp: 1196475
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.3 11.7 17.5

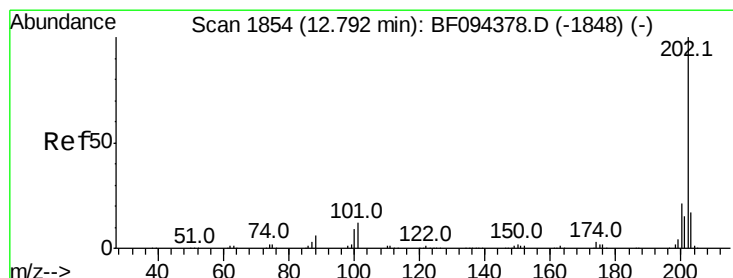
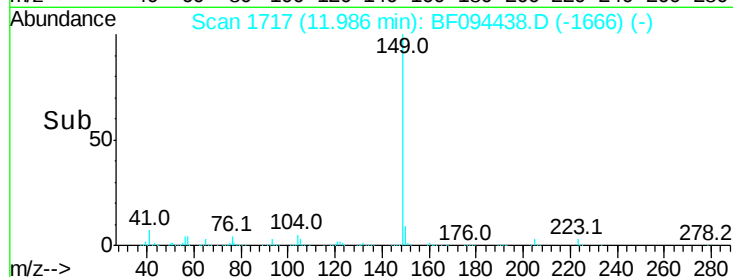
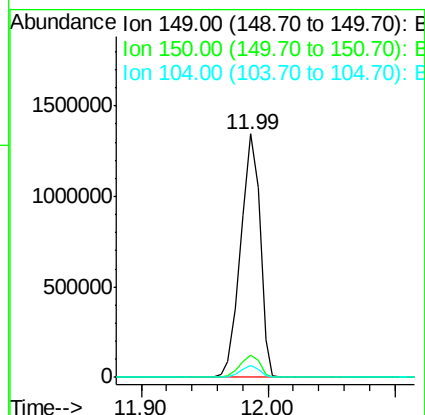
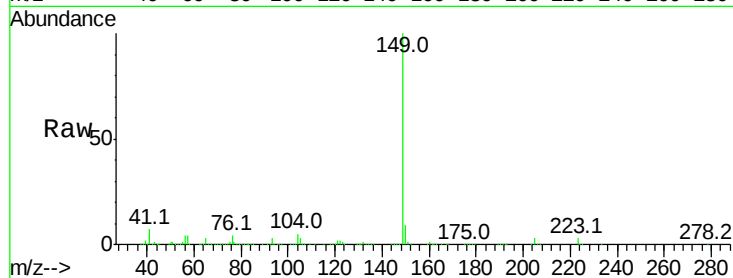




#73
Di-n-butylphthalate
Concen: 46.80 ng
RT: 11.99 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

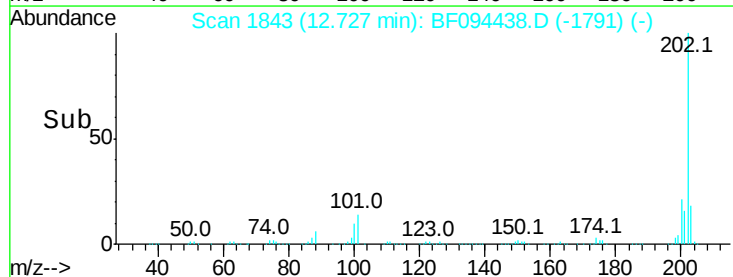
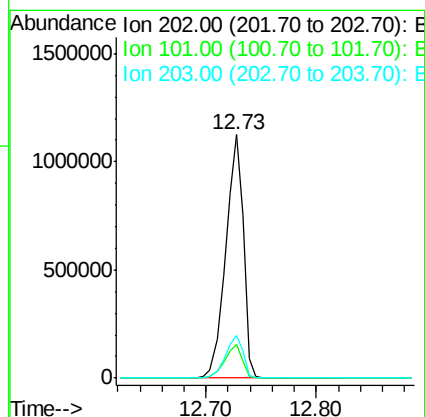
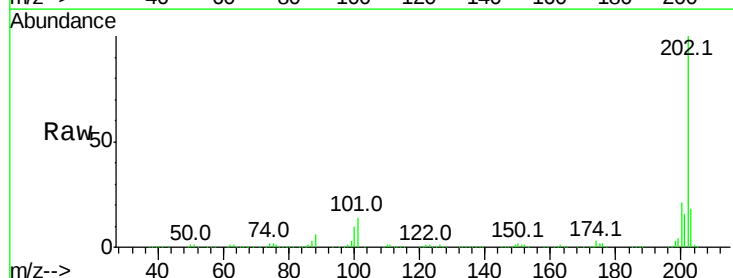
Instrument :
BNA_F
ClientSampleId :

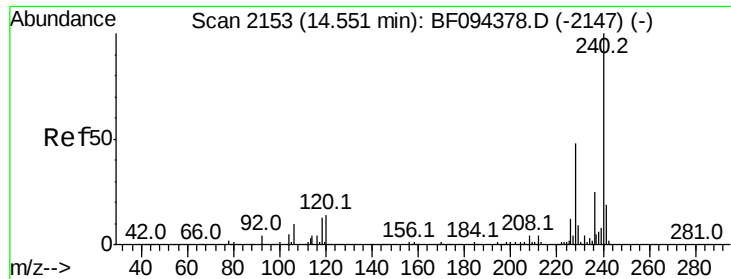
Tot Ion:149 Resp: 1412274
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.8 4.0 6.0



#74
Fluoranthene
Concen: 44.45 ng
RT: 12.73 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:202 Resp: 1250858
Ion Ratio Lower Upper
202 100
101 13.8 0.0 33.2
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.49 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

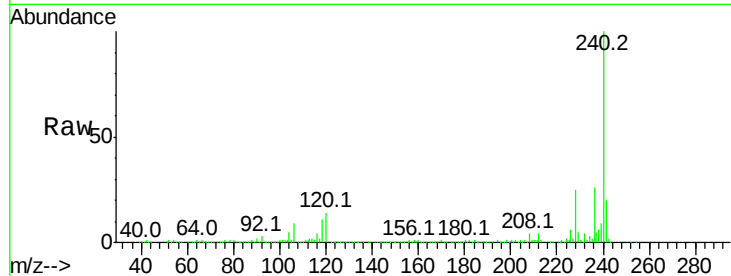
Tot Ion:240 Resp: 374989

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

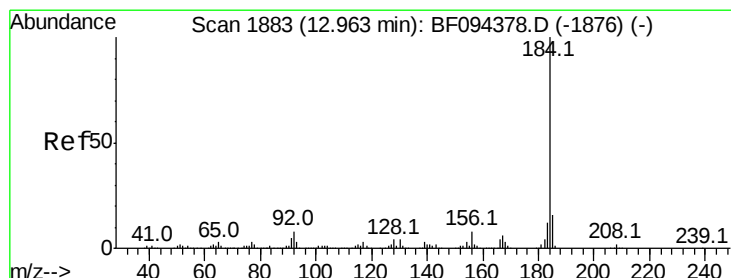
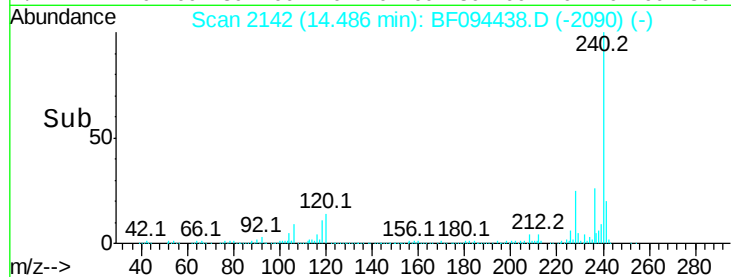
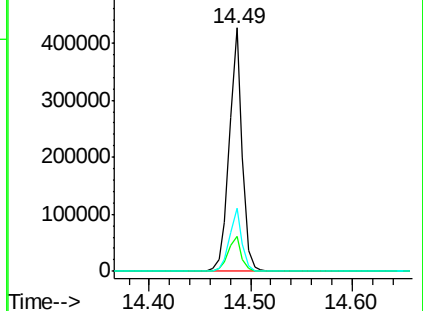
236 25.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.16 ng

RT: 12.90 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

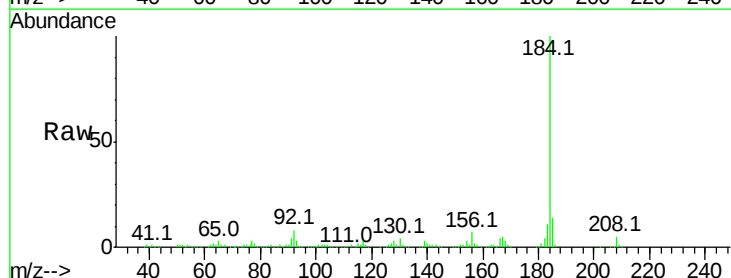
Tgt Ion:184 Resp: 299158

Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

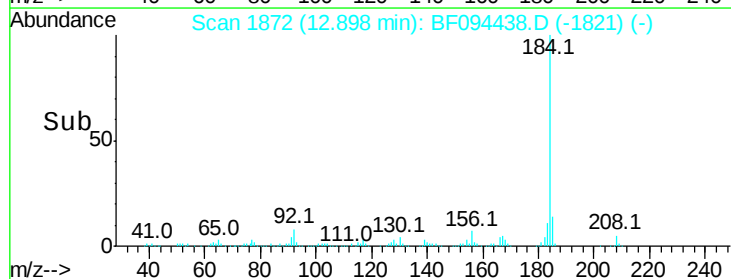
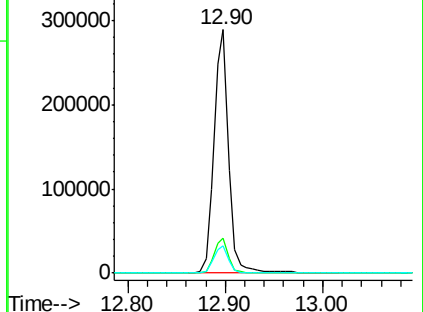
183 11.4 9.8 14.6

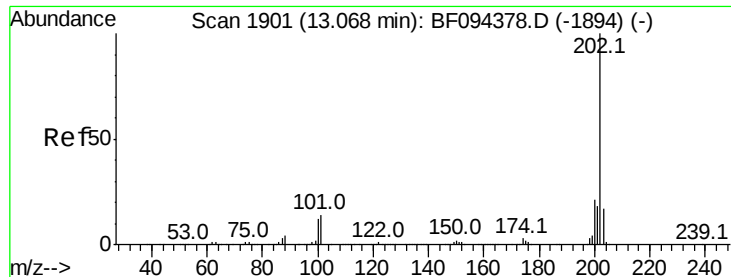


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.01 ng

RT: 13.00 min Scan# 1890

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampled :

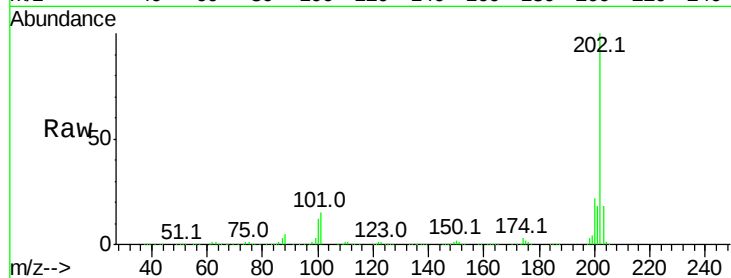
Tot Ion:202 Resp: 1252239

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.7	14.4	21.6

202 100

200 21.7 17.6 26.4

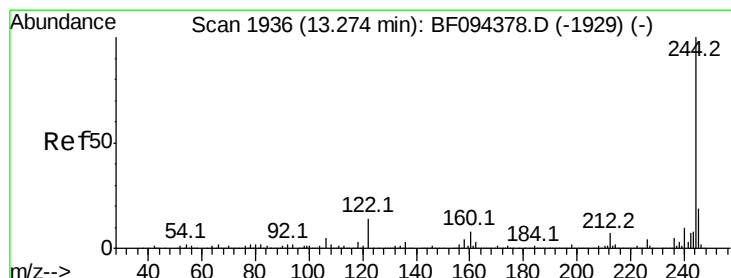
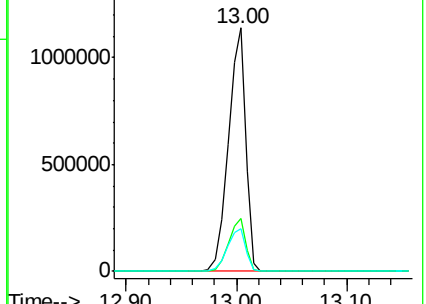
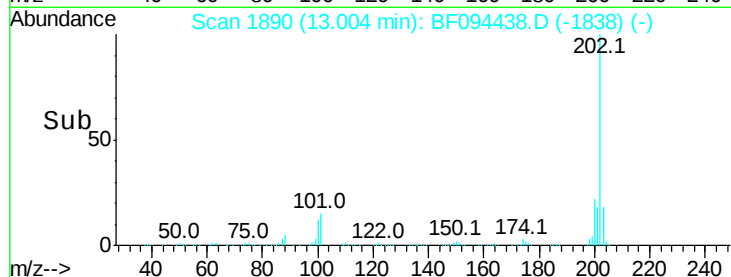
203 17.7 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.45 ng

RT: 13.22 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

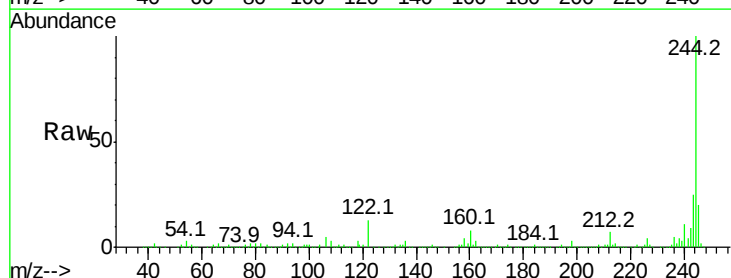
Tgt Ion:244 Resp: 1312469

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.4	10.3	15.5

244 100

212 7.4 6.0 9.0

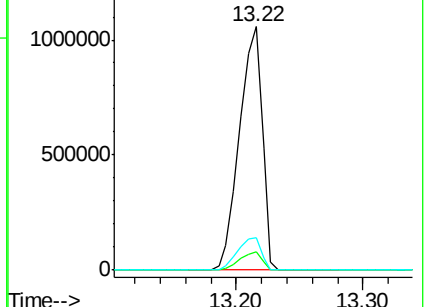
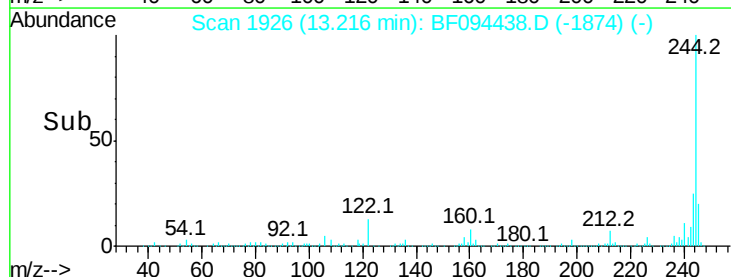
122 13.4 10.3 15.5

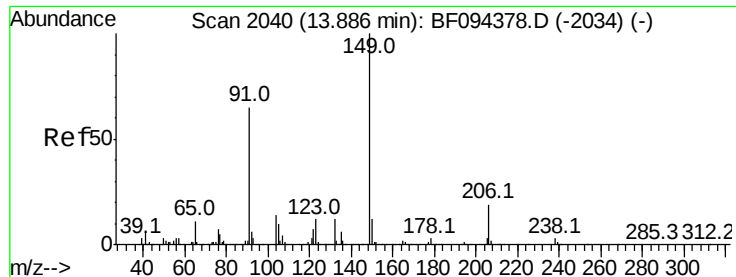


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

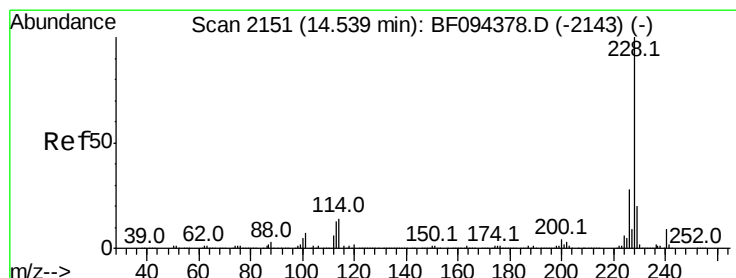
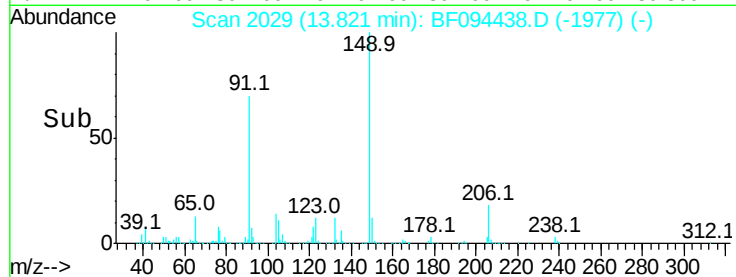
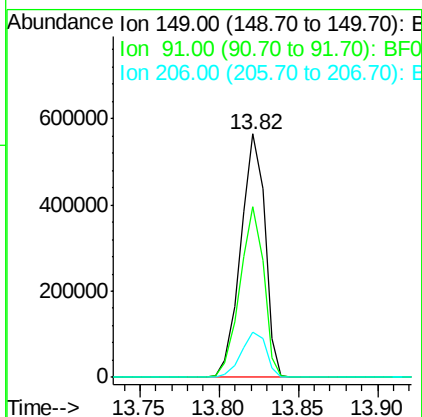
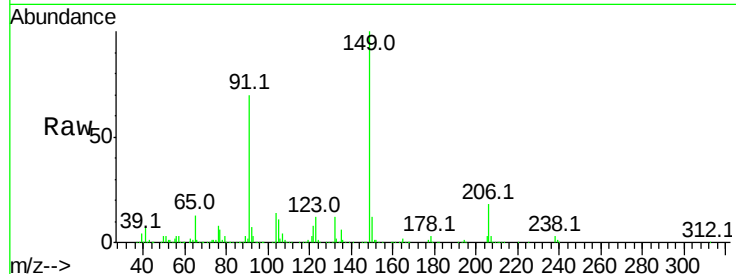




#79
Butylbenzylphthalate
Concen: 51.66 ng
RT: 13.82 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

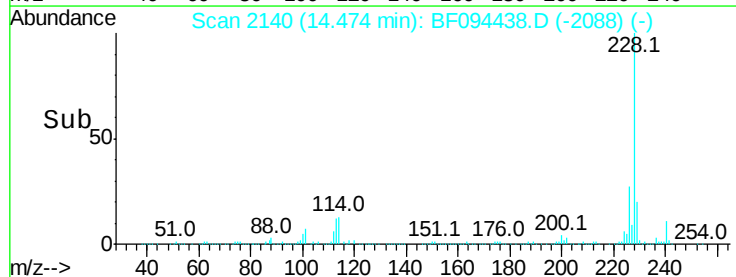
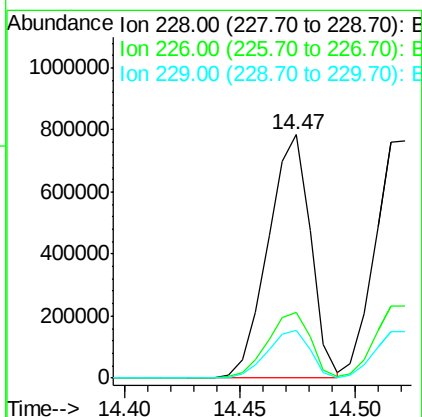
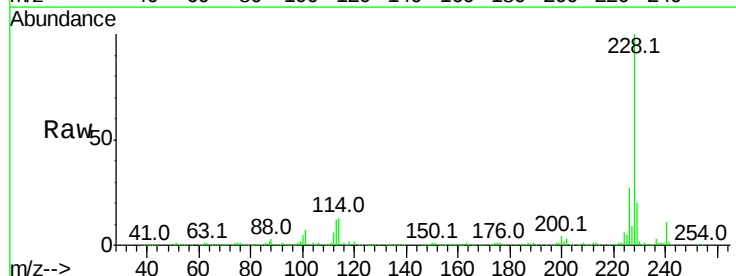
Instrument :
BNA_F
ClientSampleId :

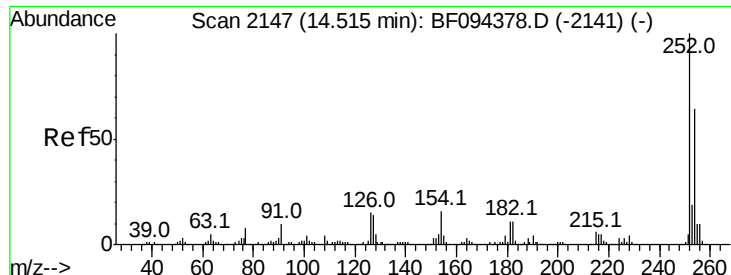
Tot Ion:149 Resp: 598969
Ion Ratio Lower Upper
149 100
91 70.2 45.0 67.4#
206 18.5 17.0 25.6



#80
Benzo(a)anthracene
Concen: 45.63 ng
RT: 14.47 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:228 Resp: 997853
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.5 16.3 24.5

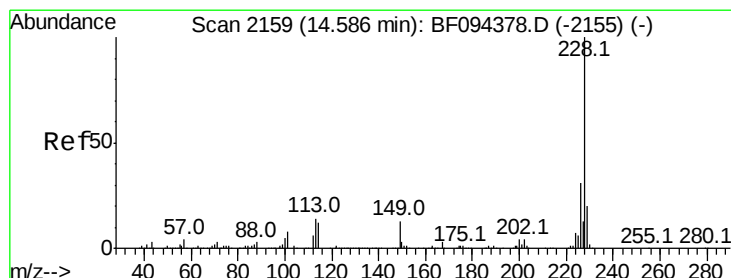
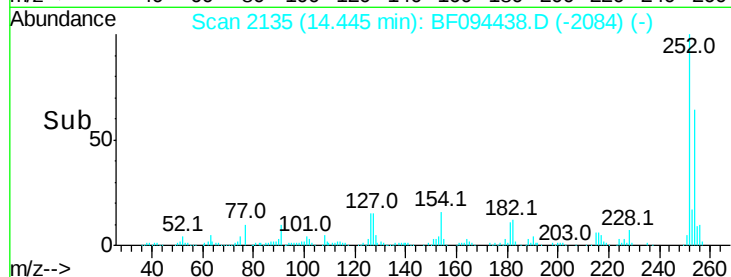
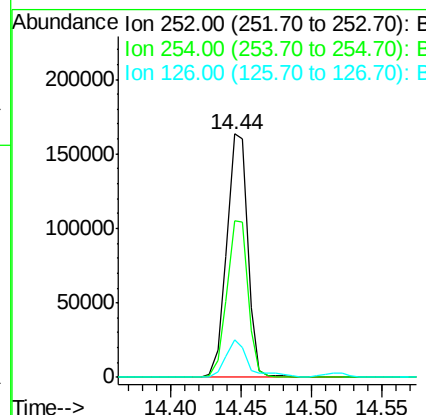
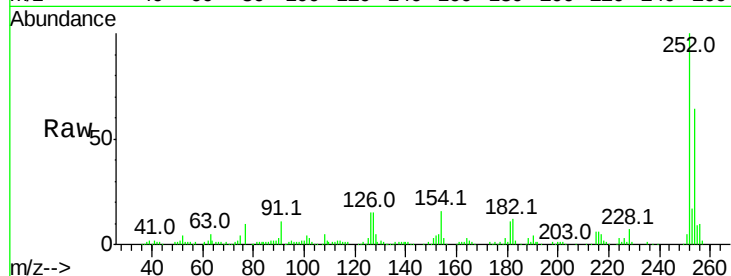




#81
 3,3'-Dichlorobenzidine
 Concen: 21.78 ng
 RT: 14.44 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

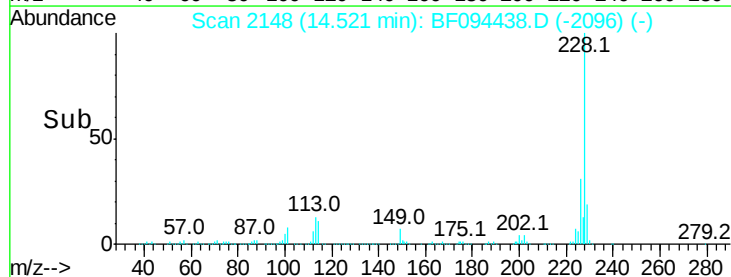
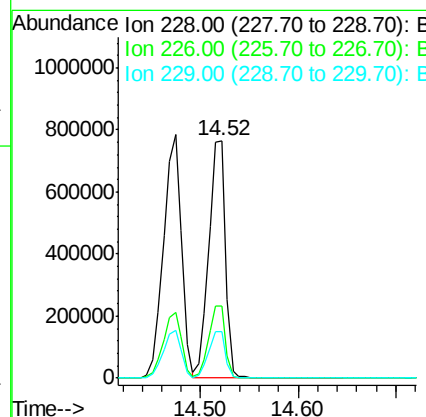
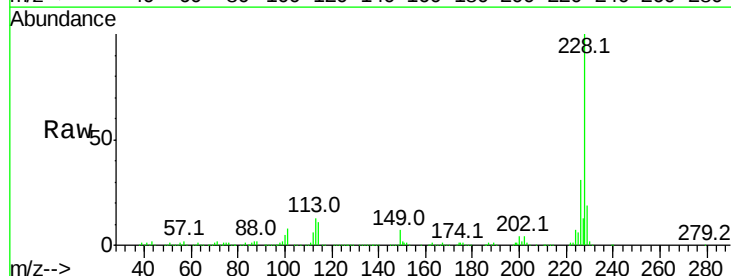
Instrument :
 BNA_F
 ClientSampleId :

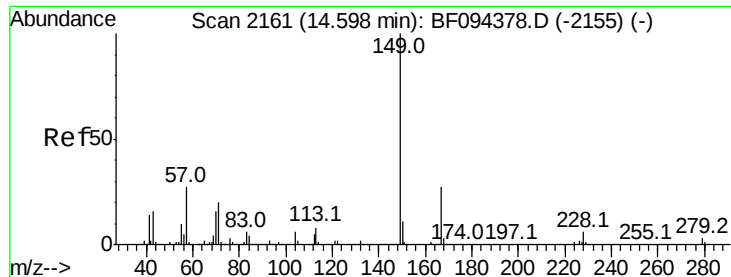
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	15.4	15.8	23.8#



#82
 Chrysene
 Concen: 44.65 ng
 RT: 14.52 min Scan# 2148
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	19.4	15.8	23.6

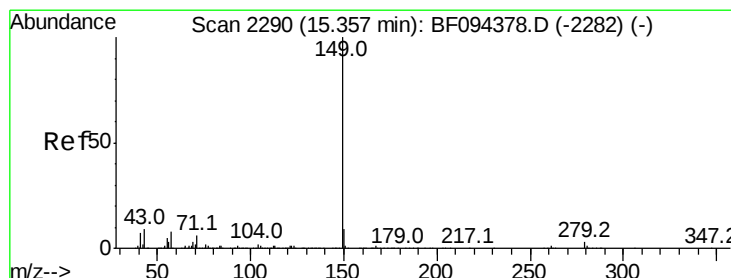
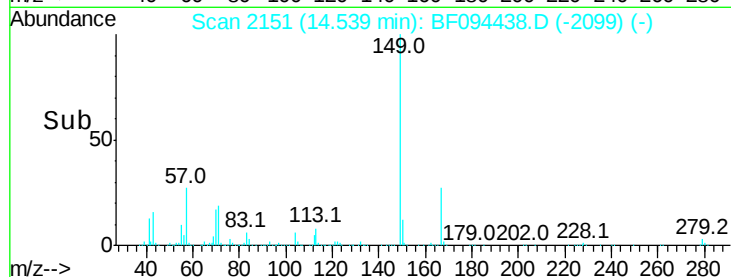
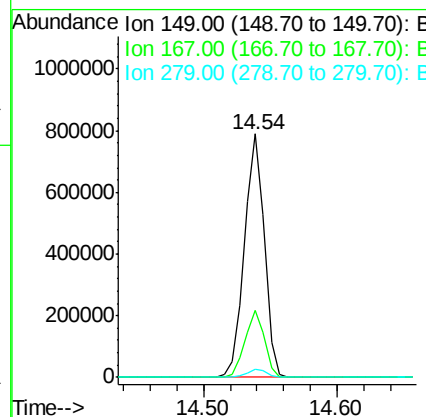
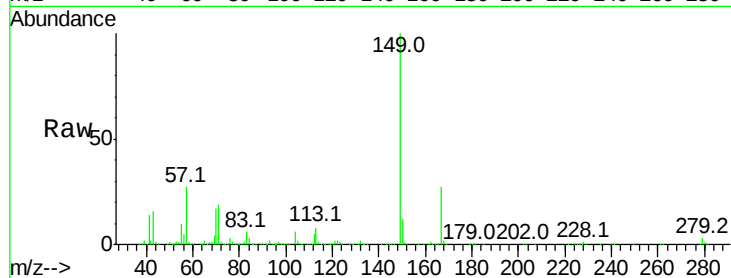




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.64 ng
 RT: 14.54 min Scan# 2151
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

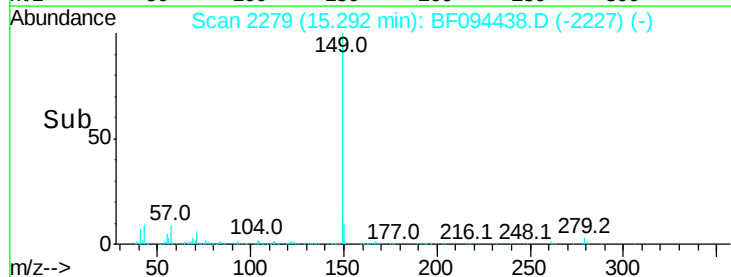
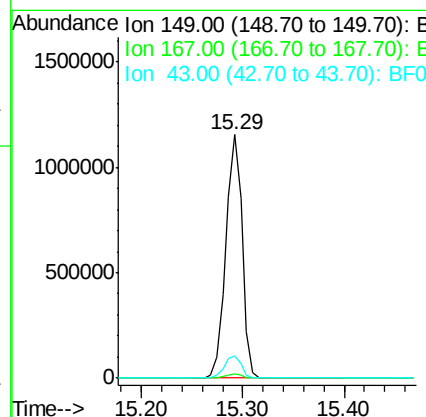
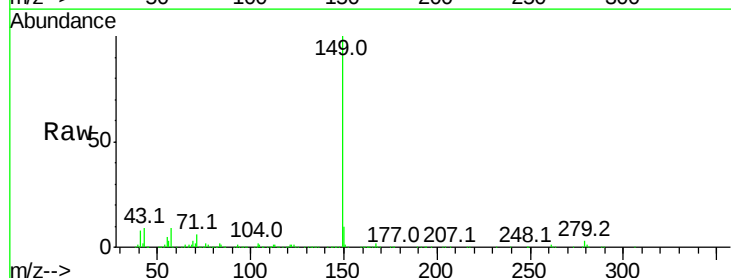
Instrument :
 BNA_F
 ClientSampleId :

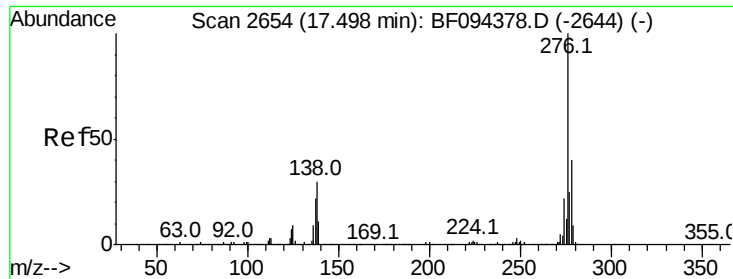
Tot Ion:149 Resp: 816958
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 48.59 ng
 RT: 15.29 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion:149 Resp: 1284127
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.3 8.5 12.7

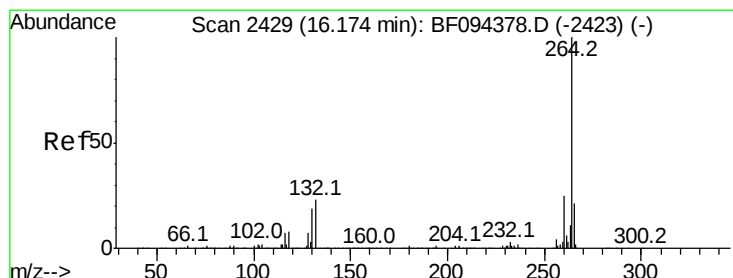
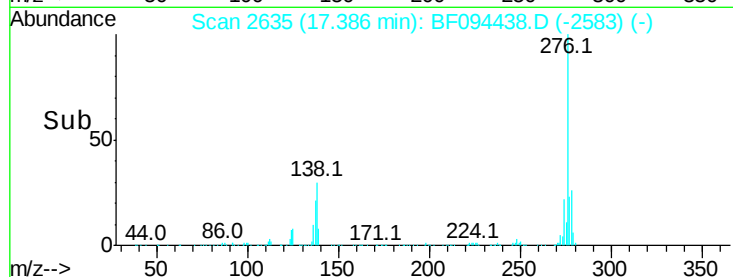
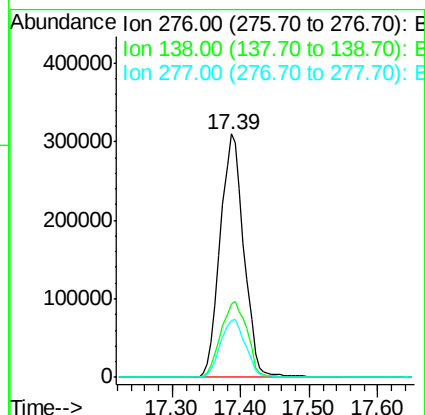
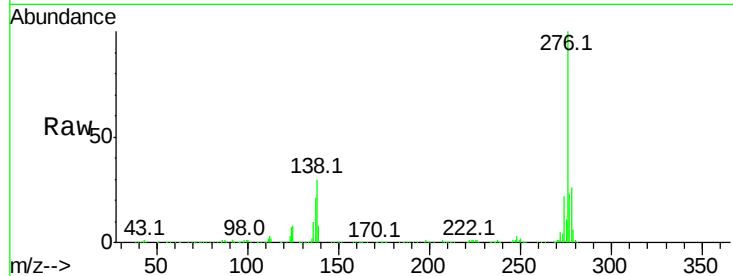




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.41 ng
 RT: 17.39 min Scan# 2635
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

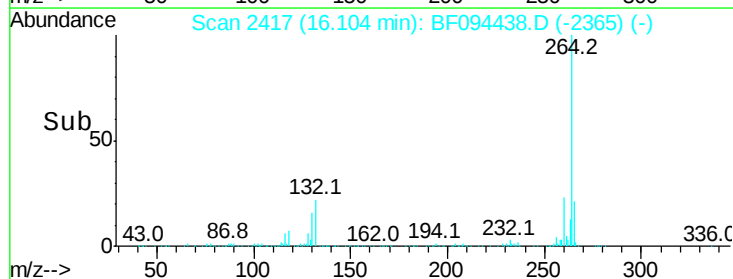
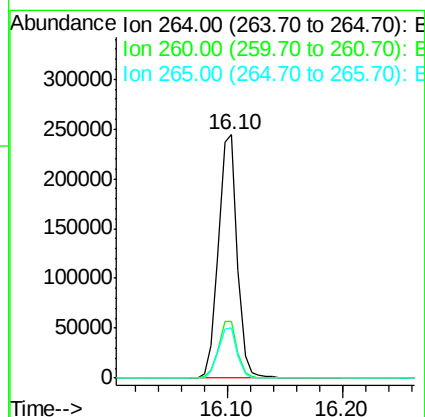
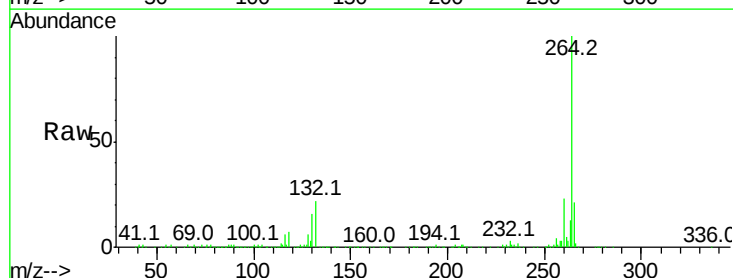
Instrument :
 BNA_F
 ClientSampleId :

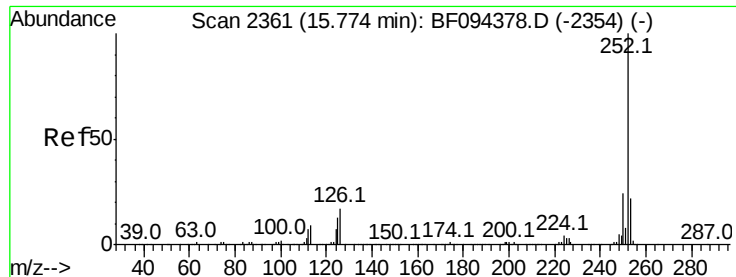
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.8	41.6
277	24.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 2417
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.8	17.2	25.8

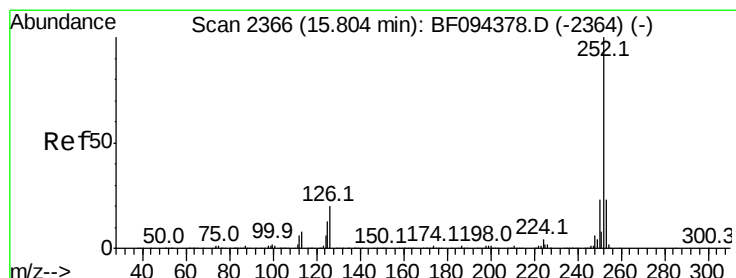
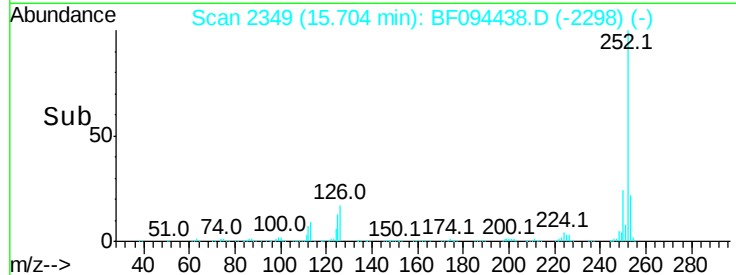
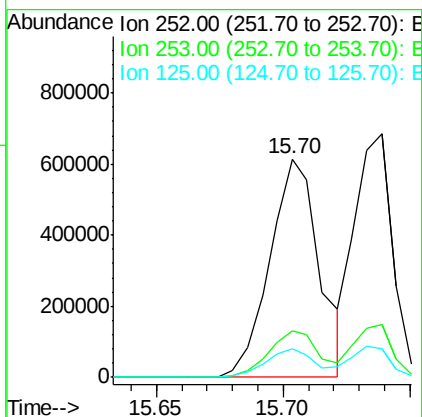
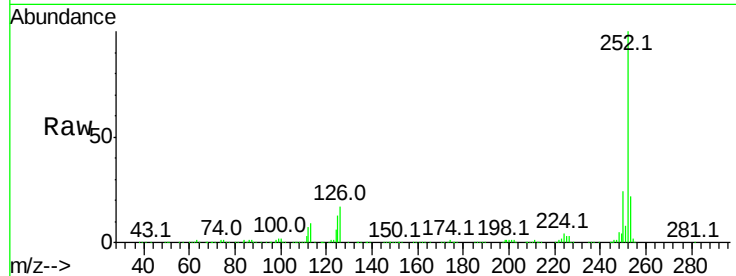




#87
Benzo(b)fluoranthene
Concen: 49.45 ng
RT: 15.70 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

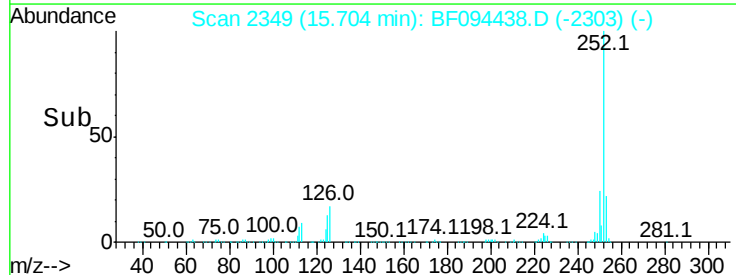
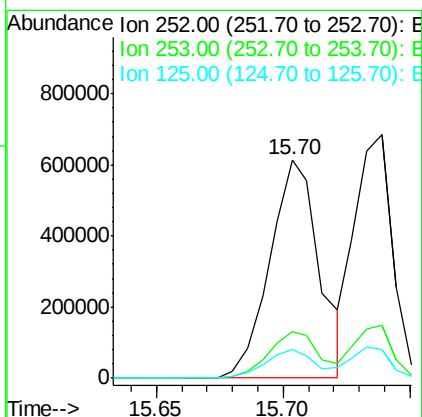
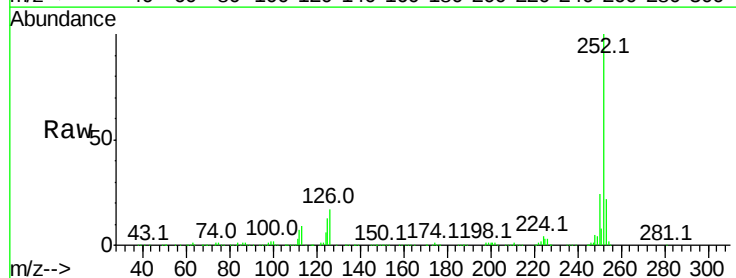
Instrument :
BNA_F
ClientSampleId :

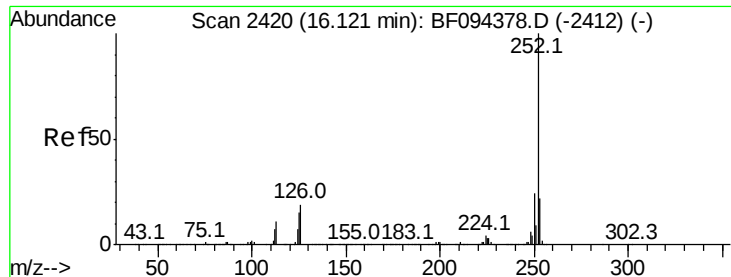
Tot Ion:252 Resp: 837643
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 13.3 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 50.54 ng
RT: 15.70 min Scan# 2349
Delta R.T. -0.03 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:252 Resp: 837643
Ion Ratio Lower Upper
252 100
253 21.6 18.4 27.6
125 13.3 13.1 19.7





#89

Benzo(a)pyrene

Concen: 46.23 ng

RT: 16.05 min Scan# 2408

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

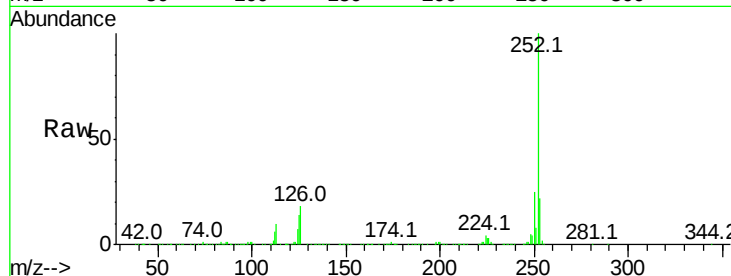
Tot Ion:252 Resp: 721062

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

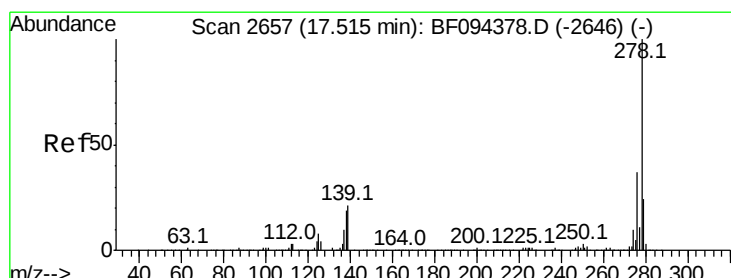
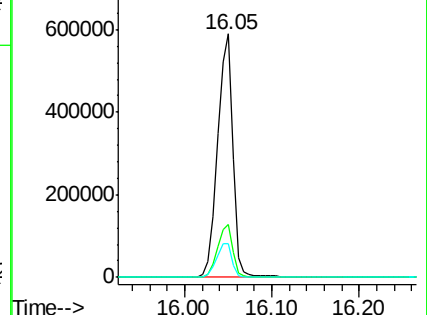
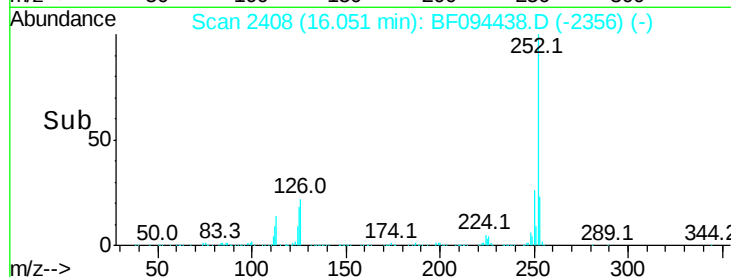
125 13.6 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.34 ng

RT: 17.41 min Scan# 2639

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

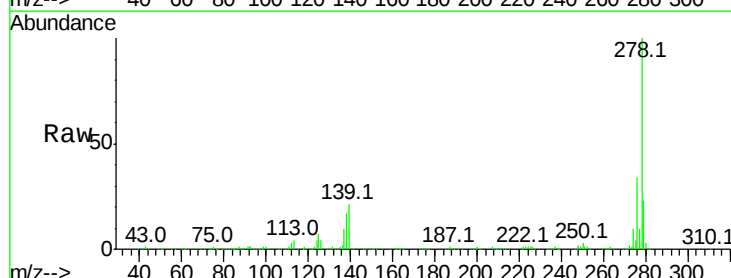
Tgt Ion:278 Resp: 612198

Ion Ratio Lower Upper

278 100

139 21.4 16.6 24.8

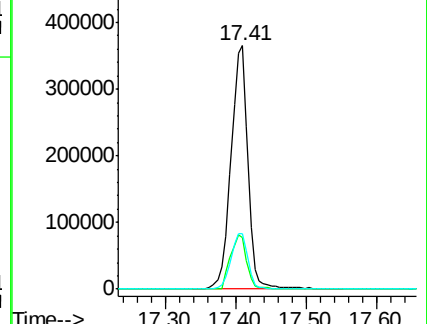
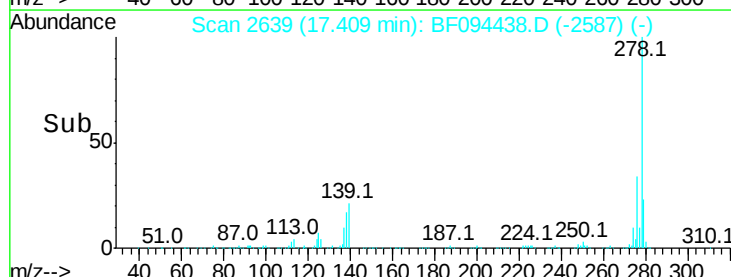
279 22.9 19.3 28.9

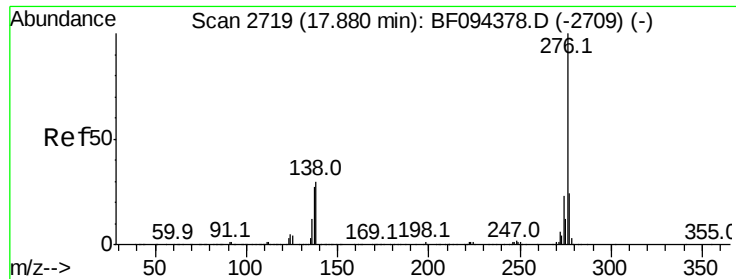


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 46.88 ng
 RT: 17.77 min Scan# 2700
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	29.9	25.4	38.0

